



SHAMPOO • CONDITIONER • FRAGRANCE • CLIPPERS • SHEARS • BLADES • DRYERS
FOR THE PROFESSIONAL GROOMER STYLIST

Jan 8, 2024

(800) 777-5899 • www.EZGroomPro.com

SANDY • BRUCE • CHRISSY • PAGE • ROB • LAKESHA



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ALL NATURAL PET CARE PRODUCTS



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For over 40 years, EZ-Groom has supplied groomers with the finest natural products available.

ALL NATURAL PET CARE PRODUCTS

We use only all natural pure ingredients and special botanical extracts to formulate our extensive line of luxurious pet shampoos and conditioners. We develop products that are gentle, hypo-allergenic and non-irritating. EZ-Groom sets the industry standard by ensuring that all grooming products will enhance the look and feel of every pet and that every bathing experience will be a delight. With an experienced staff in the United States and over 20 distributors worldwide. EZ-Groom is ready to serve its customers wherever they are located. Count on us to keep our promises and abide by our commitments. Oak Park Michigan, USA.

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Freight Policy:

Buy Right & Save Freight!

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

• \$600.00 - or over (We pay the freight*)

(*Customer pays only the \$9.99 UPS fuel surcharge, per box, UPFSC). 50% freight discount at \$400.00





INTRODUCTORY PACKAGE

19 Pieces - FREE Freight - SAVE \$\$\$



Call: 1-877-5899 or Visit: www.EZGroomPro.com







Citrus Tree Shampoo

A unique, safe, and gentle total solution to the shine problems. Derris root, orange oil, cedar wood oil and oil of wintergreen included are safe and natural. Formulated with a rich blend of botanical ingredients, Chamomile and lavender are included for their antiinflammatory, antiseptic, and antibacterial properties. Re-moisturizes skin and coat. 4:1 concentrate. Safe for cats. As an alternative, consider our D limonene, as a concentrate (use 4 oz per gallon).

Dark Amber: "Root Beer Orange Citrus Scent" (1.15 TSH)



Shampoo Pricing

Size / Quantity Price / Each

\$11.95

\$43.95

\$41.95

EZ-Dry FAST DRY Shampoo

CUTS BLOW DRY TIME 50%.

EZ-Dry Shampoo has an invigorating lemon fragrance with deep cleaning agents and fast dry additive. Works like Rain-X on the hair shaft. Rinsability is excellent. No residue, light fine fragrance. Mobile groomers, dog show and high volume grooming shops can't get by without it! Excellent for use on cats. "Bight Lemon" Amber/Clear: (1.21 FDS)

SEE Blow Dry Conditioner Pg 11

Price / Quantity

\$89.95 / 12

\$43.95/1

\$167.80 / 4

\$319.60 / 8

\$607.20 / 16



Ultra Sheen Medicated

Professional formula is designed to relieve difficult skin conditions such as itching, eczema, dandruff, hot spots, and scaling. This unique formula helps to alleviate dermatitis, clipper burns and scratched skin. A special blend of Coal tar, sulfur, salicylic acid, and d-Limonene combined with gentle but highly effective cleansers. Natural anti irritants make this shampoo an effective yet gentle cleanser. Rich deep cleaning botanical agents remove embedded soil and grime from the coat and the skin. Mild and gentle to the skin of both the groomer and the pet. 16:1 concentrate. Hypo-allergenic. Not for Cats. Great on greasy dogs. Light Amber: "Coal Tar - Sulfur - Wintergreen" (1.12 MSH)

ce /Each	Price / QTY
1.99	\$143.88 / 12
4.95	\$54.95/ 1
2.95	\$211.8 / 4
	<u>ce /Each</u> 1.99 4.95 2.95



16 oz

Gallon / 1-3

Gallon / 4-7

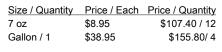
Crystal Clean Waterless /

Rinseless Foaming Shampoo



Amber/Clear: (1.16 Clean)















Crystal White® Enzyme Shampoo

The most effective formula in color enhancing pet shampoo technology. This shampoo uses the properties of natural enzymes and powerful optical brighteners, in a palm and coconut base of cleansing agents to produce brilliant snow white coats. The natural enzymes in this shampoo digest protein based stains caused by urine, tears, blood, grass, saliva and other organic soil. See Crystal Brite Conditioner on page 11. Color and contrast will be improved with each bath. A blend of botanical extracts stimulates, strengthens and highlights the coat. Works wonderfully on all colored pets! 8:1 concentrate. Safe for cats. Appropriate for preparation of horses for parades and show baths for Cattle competition. Painted Horses, parade horses and cattle will be fine with Crystal White Shampoo.® Hypo-allergenic. Green: "Watermelon/Cucumber" (1.06 CRY W)

See Crystal Brite Conditioner on page 11



This amazing shampoo cuts through even the worst grease and oil, usually with only one application, yet it is extremely gentle to the skin. The prototype for EZ Groom's dEZolve shampoo was developed to remove pomade (a greasy/waxy hair treatment) from runway models. Our Founder and formulator designed it to be a potent shampoo capable for removing Pomade in 1-2 instead of 7-8 shampooing with other products. It has been demonstrated to be a potent degreaser for Cockers, Yorkies and other greasy breeds. It is highly effective for degreasing stud tail symptom of cats. 4:1 concentrate. Hypoallergenic and Gentle. Safe for cats. Included with our skunk treatment (Hydrogen Peroxide, Baking Soda, dEZolve Shampoo blend).Pink: "Powder Soft Scent" (1.09 DDG)



Medicated Oatmeal

Shampoo uses the latest developments in Botanotherapy. Botanical extracts combined with colloidal oatmeal. Meadowsweet, yucca, comfrey, of wintergreen is included for its anti inflammatory analgesic properties. A combination of active botanical ingredients which produce an amazing and truly potent anti-itch shampoo. 8:1 concentrate. Safe for cats. White:

OATMEAL CONDITIONER Page 11





Filthy Beast Shampoo®

FILTHY BEAST® delivers superior cleaning at full dilution, resulting in the best cleaning power at the best price. Special ingredients for detangle, de-shed and dematting the hair. The botanical extracts in this shampoo are anti-inflammatory and soothing to the skin. Lovely for all pets. Rinses out in cold water making for a super fast rinse with minimal water when warm water is used, also making it very well suited for large animals including horse, cattle and sheep. 50:1 safe for cats. (4 oz. available for \$4.99 each) Amber: "Tangerine" (1.40 FBST)

FILTHY BEAST CONDITIONER Page 11 FILTHY BEAST COLOGNE Page 32

Maximum Impact Shampoo



Super cleaning shampoo utilizes elegant cleansing agent. This formulation includes special shampoo ingredients which function as skin anti-irritants while deep cleaning even the dirtiest pets. This is one of the few shampoos on the market that will positively remove the toughest and most difficult to remove filth including clay based stains. Safe for cats. Great for horses, cattle and other large animals because of its "LCP" Low Cloud Point. Shampoo can be rinsed off using warm or cold water. Hypoallergenic.

Red: "Cherry" (1.05 MAXI)

Shampoo Pricing

•		
Size / Quantity	Price / Each	Price / Quantity
16 oz	\$13.95	\$89.95 / 12
Gallon / 1-3	\$52.95	\$52.95/ 1
Gallon / 4-7	\$49.95	\$199.80 / 4
Gallon / 8-11	\$47.95	\$383.60/ 8
Gallon / 12	\$46.95	\$563.40 / 12
Gallon / 16	\$45.95	\$735.20 / 16

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Groom

ALL NATURAL PET CARE PRODUCTS





Apple Blossom Conditioning Shampoo

Contains Aloe Vera and chamomile, results in a rich, full-bodied coat and reduces itching. Hypo-allergenic, and gentle 24:1 concentrate. Apple blossom fragrance has a top note of fresh Granny Smith apples. Safe for cats.

White: "Apple Blossom" (1.03 ABSH)



Holly Berry Shampoo

Will revitalize the coat leaving it manageable and lustrous. Creates a luxurious lather allowing you to easily work through the coat. Excellent cleaning and will rinse off and easily. Imagine hot apple pie with a touch of cinnamon. The great scent will last long after your client has left your shop. Hypo Allergenic, Gentle and safe for cats. 24:1 Conditioner and cologne too!

Pink: "Apple Pie and Cinnamon" (1.17 HBSH)

HOLLY BERRY CONDITIONER Page 11 HOLLY BERRY COLOGNE Page 32



Blueberry Blast Shampoo

This premium shampoo is specially formulated for the professional groomer. Fine natural and botanical ingredients and a pH balanced hypoallergenic formula adds gleaming luster while removing deeply embedded dirt without stripping the coat. Gentle to the pet's skin and the groomers hands. Rinses out completely and easily. Will not affect flea control, spot treatments such as Frontline, Advantage, Bio-Spot, etc. Safe for Cats.

Blue: (1.35BBS) BLUEBERRY BLAST

BLUEBERRY BLAST COLOGNE Pg. 32



Honey Lavender Shampoo

This wonderful moisturizing shampoo is a mild baby shampoo concentrate. Appropriate for facials and spa treatments. It is formulated with honey and lavender extracts. This product will hydrate the hair and sooth the skin. Made of the finest baby mild ingredients, it will serve all your bathing needs. Hypo-allergenic, and gentle 24:1 concentrate. Safe for cats. Honey Lavender Cologne and Conditioner are also available.

Blue/Purple: "Lavender & Honey" (1.20 HLSH)

HONEY LAVENDER COLOGNE Pg. 32



Eucalyptus Green Tea Shampoo

Green: (1.36 GTS) Gren Tea Eucalyptus. Calming for the bather and for the pet.

Shampoo Pricing

Size / Quantity	Price / Each	Price / Quantity
16 oz	\$9.95	\$119.40 / 12
Gallon / 1	\$42.95	\$42.95/ 1
Gallon / 2	\$39.95	\$79.90 / 2
Gallon / 4	\$37.95	\$151.80 / 4
Gallon / 8	\$34.95	\$279.60 / 8



Lemon Grass Shampoo

This wonderful deep cleaning shampoo is a mild, hypo-allergenic gentle 24:1 shampoo concentrate. It is formulated specifically to deodorize and clean. Moisturizing agents contain Vitamin E. Fresh and light Lemon Grass Fragrance. Gentle. Safe on Cats.

Green: (1.38 LGS)

LEMON GRASS COLOGNE Pg. 32



Size / Quantity	Price / Each	Price / Quantity
16 oz	\$11.95	\$89.95 / 12
Gallon / 1-3	\$43.95	\$44.95/ 1
Gallon / 4-7	\$42.95	\$171.80 / 4
Gallon / 8-11	\$39.95	\$319.60/ 8
Gallon / 12	\$38.95	\$467.52 / 12
Gallon / 16	\$37.95	\$607.20 / 16

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



Orange Crush & Tropical Jubilee Shampoo

A pleasant conditioning -Vitamin B5, hypoallergenic gentle 24:1 shampoo concentrate. The Tropical Jubilee has a Citrus/Orange/ Coconut fragrance. Made of the finest baby mild ingredients it will serve you well for all your bathing needs. Hypo-allergenic and safe

Tropical Orange Crush: "Orange" (1.24 OCS) Tropical Jubilee: "Peach - Coconut - Fruit (TJS 1.27)

TROPICAL JUBILEE COLOGNE Pg 32







Pomegranate Shampoo

This 24:1 Concentrate cleans and rinses out well. Pomegranate_Rasberry fragrance stays in the air for hours on the pet for days. Gentle to the pet's skin and the groomers hands. Rinses out completely and easily. Will not affect flea control, spot treatments such as Frontline, Advantage, Bio-Spot, etc. Safe for Cats. Purple/Red: "Pomegranate-Raspberry" (1.30 POMS)



Special Edition Shampoo

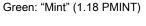
This sophisticated conditioning shampoo is a mild, hypo-allergenic gentle 24:1 shampoo concentrate. It is formulated with a sophisticated fine fragrance. Made of the finest baby mild ingredients. Loaded with Vitamin B to help build a healthy cuticle. Safe on Cats.

Green/Pearlized: "Fine Fragrance" (1.22 SPED)



Puppermint

A deep cleansing shampoo concentrate will effectively cleanse the coat without stripping it from its natural moisture balance. This mint scented shampoo is formulated to eliminate nasty doggy odors and result in a fresh and clean smelling pet. This shampoo should be your basic bathing shampoo. Excellent for cigarette smoke and the fleas do not like the oil of wintergreen. Hypo-allergenic and gentle. Don't get caught without it. Safe for cats. 24:1



PUPPERMINT COLOGNE Pg. 32



Strawberry Kisses

This premium shampoo is specially formulated for the professional groomer. Fine natural and botanical ingredients and a pH balanced hypo-allergenic formula adds gleaming luster while removing deeply embedded dirt without stripping the coat. Excellent foaming and rinses out quickly, completely and easily. Will not affect flea control, spot treatments such as Frontline, Advantage, Bio-Spot, etc. Safe for Cats. 24:1 concentration. Safe for cats.

Red: Strawberry – (SKS 1.41)

STRAWBERRY COLOGNE Pg. 32



Silky Almond & Sugar Plum Shampoo

This unique formulation is an effective combination of mild baby shampoo base with powerful moisturizers and conditioning agents. It contains silk amino acids that penetrate through hair cuticles and to the hair keratin to provide important moisture to the hair shaft. These silk amino acids allow hair to be flexible and have wonderful body. The conditioning agents of Silky Almond and Sugar Plum Shampoo result in an EZ comb out of the coat and excellent static control. These conditioning agents are "moisture magnets" that aid in maintaining the critical moisture balance of the hair. This combination will re-moisturize the skin and coat, leaving both in top condition. 24:1 concentrate. Hypo-allergenic and gentle. Safe for cats. Dark Amber: "Almond/ Cherry" (1.10 SAS) and Purple Plum (PLUM 1.28)

SILKY ALMOND AND SUGAR PLUM CONDITIONER Pg.11 SILKY ALMOND AND SUGAR PLUM COLOGNE Pg.32 SUGAR PLUM FOAMING FACIAL Pg. 10

Shampoo Pricing		
Size / Quantity	Price / Each	Price / Quantity
16 oz	\$11.95	\$143.40 / 12
Gallon / 1-3	\$43.95	\$43.95/ 1
Gallon / 4-7	\$41.95	\$167.80 / 4
Gallon / 8-15	\$39.95	\$319.60 / 8
Gallon / 16+	\$37.95	\$607.20 / 16

24:1





Structure Shampoo

Cinnamon scented, this shampoo is formulated for rough coated pets. It will add texture and body to lifeless and tired coats. 24-1. Your terrier clients will love you because you restored the natural structure to their coats. This shampoo is wonderful on Poodle and Bichon coats. No double coated dog should live without texture. Safe on Cats.

Red: "Cinnamon" (1.19 SSH)

Ultra Clear Shampoo

A deep cleansing shampoo concentrate will effectively cleanse the coat without stripping it from its natural moisture balance. Ultra Clear has no color or fragrance. This shampoo should be your basic bathing shampoo. Hypoallergenic and gentle. Don't get caught without it. Safe for cats. 24:1

Ultra Clear: (1.31 UCSH)



EZ Groom

Size / Quantity	Price / Each	Price / Quantity
16 oz	\$10.95	\$89.95 / 12
Gallon / 1-3	\$42.95	\$42.95/ 1
Gallon / 4-7	\$39.95	\$159.80 / 4
Gallon / 8-15	\$37.95	\$303.60 / 8
Gallon / 16+	\$35.95	\$575.20 / 16

EZ Groom

Ultra Fast Blow Dry Spray

Blow-out tangles and matts instead of combing and brushing. Perfect for double coated and long hair pets. Cut your blow dry time in half using EZ-Dry with EZ Groom's Ultrafast Blow Dry

\$11.95 for 16oz Spray

Would you spend 20 cents to save 20 minutes of Blow Dry Time?



8:1

Ultra Cleaning Premium Shampoo

Fine natural and botanical ingredients in a pH balanced hypo-allergenic formula adds gleaming luster while removing deeply imbedded dirt without stripping the coat. This superior cleaning shampoo is gentle to the pet's skin and the groomer's hands. It rinses out completely and easily. Provides strength and leaves the coat tangle free. 24:1 Gentle and safe for cats.

Original: Blue - "Fresh & Clean Scent" (1.00 PSH) Hyacinths and Freesia" (1.02 PRL) Powder Soft: Pink - "Baby Fresh" (1.01 PSS) W/ PEARL AND POWDER SOFT COLOGNE P 32

Crystal White® Enzyme Shampoo

The most effective formula in color enhancing pet shampoo technology. This shampoo uses the properties of natural

> enzymes and powerful optical brighteners, in a palm and coconut base of cleansing agents to produce brilliant snow white

> > coats. The natural enzymes in this shampoo digest protein based stains caused by urine, tears, blood, grass, saliva and other organic soil and remove the soil with rinse water. Stubborn stains are removed after three or four baths. Color and contrast will be improved after two or

three baths. A blend of botanical extracts stimulates, strengthens and highlights the coat. Works wonderfully on all colored pets! 8:1 concentrate. Safe for cats.

Green: "Watermelon/Cucumber" (1.06 CRY W)

Size / Quantity	Price / Each	Price / Quantity
16 oz	\$14.95	\$131.40 / 12
Gallon / 1-3	\$53.95	\$53.95/ 1
Gallon / 4-7	\$49.95	\$199.80 / 4
Gallon / 8-15	\$47.95	\$383.60 / 8



Plum Scrub Facial **Foaming Cleaner**

Soothing face and body cleanser for sensitive areas. Mild baby shampoo concentrate. Removes saliva and tear stains. Foam to assist with accurate and visible placement. Rinses out very easily.

Plum oil and Green Tea antioxidants. Hypo-allergenic.

Purple Tight Foam: "Plum" (1.30 Facial)

Size / Quantity	Price / Each	Price / Quantity
7 oz	\$9.95	\$107.40 / 12
Gallon / 1-4	\$36.95	\$147.80 / 4





CONDITIONE



Ruff Out Finishing Spray

The only finishing spray you will ever need. Leave in formulation which creates body textures without leaving a residue. Its natural nutrients aid in de-matting and help prevent mats. It is also bodifier spray and de-tangler spray. Excellent for dry brushing. Hypo Allergenic. Safe for Cats.

Original: (4.03 RUFF)



Crystal Brite Conditioner

Special purpose formulation with the same optical brighteners used in our World Famous Crystal White® Shampoo. This conditioner contains botanicals. Leaves the coat static and tangle free. 8:1 concentrate. Safe for cats.

Thick White: Fresh Watermelon - (2.09 CCRY)



Silky Almond & Sugar Plum Protein Re-moisturing Conditioner

Produces the ultimate effects from a powerful combination of wheat germ oil, silk protein and wheat protein. Restores the moisture level of the hair shaft. Rebuilds coat and adds more sheen. 8:1 concentrate. Safe for cats

Silky Almond: White (2.05 CSA) Sugar Plum: White (2.11 CPLUM)



Filthy Beast® Conditioner

Perfect follow up to our Filthy Beast Shampoo®. Energizes the coat and helps to hold the fresh bath longer. This conditioner contains botanicals. Leaves the coat static and tangle free. 8:1 concentrate. Safe for cats.

Yellow-Fresh Tangerine/Orange/Citrus (2.19 CFB)



Ultra Fast Blow Dry Conditioner

Non-aerosol spray-on conditioner designed to reduce blow drying and scissoring time up to 50%. 4:1 concentrate. Safe for cats. Sheets water instantly, reduces surface tension, cut blow dry time in half.

Original: (2.01 BDC)



Medicated Oatmeal Conditioner

An excellent follow up to EZ-Groom's Oatmeal Shampoo. Contains over 7% Colloidal Oatmeal, Oil of Wintergreen and other rich additives that are anti-itch, anti inflammatory, soothing and analgesic. This conditioner supports the medicinal properties offered by our Oatmeal Shampoo. Perfect follow up for our Oatmeal Shampoo. Wintergreen scent. 8:1 concentrate. Safe for cats

Wintergreen: (2.08 COAT)



Ultra Rich Conditioner/ Cream Rinse

Multipurpose formulation, containing nourishing botanicals. Leaves the coat static and tangle free. 8:1 concentrate. Safe for cats.

Original: Blue – "Breezy Clean Scent" (2.02 CCR)

Holly Berry: Light Red – "Warm Apple Pie & Cinnamon" (2.03 CHB)

Powder Soft: Pink – "Powder Fresh" (2.04 CPS)

Honey Lavender: light purple/blue - "Lavender & Honey" Calming Fragrance (2.20 CHL)

Conditioner Pricing:

Size / Quantity	Price / ea	Price / Qty.
16 oz	\$11.95	\$89.95 / 12
Gallon / 1-3	\$38.95	\$38.95/ 1
Gallon / 4-7	\$36.95	\$147.80 / 4
Gallon / 8-15	\$34.95	\$279.80 / 8





The Answer

A concentrated supplement, which turns your favorite shampoo into a Detangling/Dematting Shampoo. Just add 2 ounces of "The Answer" to a gallon of diluted shampoo.

Detangle & Dematting Additive: To any shampoo or conditioner (4.01 ANS)

Size / Quantity	Price /Each	Price / Quantity
16 oz	\$25.95	\$155.70 / 6
Gallon	\$155.00	\$620.00 / 4



EZ-Glide De-Tangler

Takes out the most difficult mats, repairs cuticle, makes comb outs E-Z! Safe for cats.

De-Tangler: (4.02 EZG)

Price / Each	Price / Quantity
\$4.95	\$57.00 / 12
\$9.50	\$114.00 / 12
\$23.50	\$141.00 / 6
\$38.95	\$103.80 / 4
\$150.00	\$600.00 / 4
	\$4.95 \$9.50 \$23.50 \$38.95



Ear Magic & Ear Magic II

A soothing medicated ear cleaner and skin treatment in one. Made with Melaleuca (tea tree oil), Aloe Vera, Oil of Wintergreen and other essential oils to create a gentle and effective ear cleaner. Not for cats.

Ear Magic: (6.01 EAR) Ear Magic II: Non Oily (6.22 EAR)

Size / Quantity	Price /Each	Price / Quantity
4 oz	\$4.95	\$59.40 / 12
16 oz	\$10.95	\$131.40 / 12
Gallon	\$34.95	\$139.80 / 4



Eau Der Gone

This powerful odor eliminator uses the latest in enzyme technology to digest and neutralize the most offensive odors, including skunk odor. Can be used as a room deodorizer. Can be used on cats.

Eau Der Gone: (7.01 EAU)

Size / Quantity	Price /Each	Price / Quantity
4 oz	\$8.95	\$57.00 / 12
16 oz (RTU)	\$13.95	\$167.40 / 12
Gallon	\$75.00	



EZ Grip Ear Powder

Ear grooming powder thoroughly cleans to assist in maintaining good ear hygiene, including odor control. Excellent gripping qualities for either finger or tweezers.

EZ Grip: (6.02 EZE)

Size / Quantity	Price /Each	Price / Quantity
3 oz (80 am)	\$8.20	\$98.40 / 12



EZ Stop Styptic Powder

Quick-acting, effective formula stops bleeding caused by clipping nails and dewclaws, minor nicks, and cuts. Reduces risk of infection and stops bleeding fast.

EZ Stop: (6.05 EZS)

Size / Quantity	Price /Each	Price / Quantity
0.5 oz	\$6.95	\$83.40 / 12
1.5 oz	\$11.49	\$137.88 / 12
6 oz	\$39.98	\$467.76 / 12



EZ Safe Protectant

Protects and lubricates eyes. Contains purified mineral oil and vitamin E to coat eye and form a protective barrier. Used before the bath to protect sensitive eyes.

EZ Safe: (6.04 EZEP)

Size / Quantity	Price / Each	Price / Quantity
4 oz	\$4.95	\$47.40 / 12



d-Limonene

d-Limonene has been patented for shine. This flexible purpose concentrate can be added to shampoo. Add 4 ounces to a gallon of water as a spray or into diluted shampoo. (6.44 DLMO)

Size / Quantity	Price /Each	Price / Quantity
Gallon / 1-3	\$69.95	
Gallon / 4-7	\$59.95	
Gallon / 8	\$49.95	
55 Gallon Drum	\$1,650.00	
2250# Tote	\$10.300.00	



Tear Stain Remover

Removes protein based stains such as tear stains, saliva stains, urine stains and grass

Size / Quantity	Price / Each	Price / Quantity
1 Bottle	\$7.11	\$49.32 / 12







Ultra Texture Styling Spray Gel

Perfect liquid styling tool for top knots and furnishings. The ultimate in style & stay.

(5.01 SGL)

Size / Quantity	Price /Each	Price / Quantity
4 oz	\$5.50	\$66.00 / 12
16 oz (RTU)	\$10.95	\$131.40 / 12



Facility Cleaner Sanitizer Disinfectant

A neutral pH detergent, deodorizing cleaner that is effective on the following: staphylococcus aureus, streptococcus pyogenes, and HIV-1. Instantly deodorizes and leaves a fresh and clean neutral fragrance, while eliminating disease and odor causing germs. Due to demand, Equivalent may be supplied.

Size / Quantity	Price /Each	Price / Quantity
1 Gallon	\$32.95	\$131.80 / 4



Ultra Hold Hair Spray

Firm hold, even in high humidity. Create Style and Stay in top knots and other furnishings. Non Aerosol Finishing Spray - Multi Purpose. (5.03 PHS)

Size / Quantity	Price /Each	Price / Quantity
4 oz	\$5.50	\$66.00 / 12
16 oz (RTU)	\$10.95	\$131.40 / 12
Gallon (RTU)	\$44.95	\$179 80 / 4



Paw Sanitizer - 80% alcohol

With 80% alcohol, it tackles the toughest germs/ viruses. Much easier to apply than gel – fine mist sprayer that applies evenly and absorbs quickly-dries faster. Glycerin will nourish your skin with a "clean" that's not drying! Each bottle yields about 500 sprays...recommend 2 sprays per use...that's 250 doses per bottle!

7.05 (SANH2L1)

Size / Quantity	Price /Each	Price / Quantity
2 oz/1	\$4.95	\$4.95 / 1
2 oz/5	\$4.50	\$22.50 / 5
2 oz/12	\$4.00	\$48.00 / 12
2 oz/24	\$3.75	\$90.00 / 24
2 oz/2400	\$2.41	\$5,741.00/2400

GROOMING TOOLS



10" Comb with 80 Coarse & 20 Medium

Blue: (TCOMB8020B) Pink: (TCOMB8020P)

Size	Price /Each	Price / Quantity
10" Comb	\$9.95	\$119.40 / 12



Small Slicker

Size	Price /Each	Price / Quantity
Small Slicker	\$7.99	\$95.88 / 12



Large Slicker

Size	Price /Each	Price / Quantity
Large Slicker	\$7.95	\$95.40 / 12



Flea Comb

Size	Price /Each	Price / Quantity
Flea Comb	\$7.99	\$95.88 / 12



Rake 3/4" Medium

Size	Price /Each	Price / Quantity
3/4" Rake	\$7.99	\$95.88 / 12



Large Nail Clipper

Size	Price /Each	Price / Quantity
Large Nail		
Clipper	\$7.99	\$95.88 / 12



Would you spend 20 cents to save 20 minutes?

D.J. Williams and Ellen Kominars EZ-Groom Corp., Oak Park, Ml. U.S.A.

Conditioning agents reduce grooming effort and time by reducing tangles and surface tension of water. While many groomers view condition agents as an added step, the payback in less time and effort is there.

Drying pet hair requires more time than human hair because there is so much more of it. Showing consideration for hair density and diameter a typical golden retriever has twenty times the surface area of hair than does a person with a nominal length of 10" hair. Cats have three times higher hair density than dogs.

The grooming procedures that can be improved the most with well formulated liquid products are the combing / brushing process and the drying process. It is also possible to shorten the scissoring time by imparting texture to a coat.

The products discussed in this writing speed up the grooming process and fall into the general category of conditioning agents. A conditioner is defined as a product that improves the quality of hair surface to which it is applied particularly if this improvement involves the correction or prevention of surface damage. The

cuticle structure is often damaged in the brushing and combing process from mechanical abrasion and stretching. structure can cause mats to form shortly after combing. Brushing matted coats is a stressful process that creates a great deal of coat damage that needs to be subsequently repaired with the use of an appropriate conditioner. Stressful because of the physical effort coupled with the extended time (up to several hours) with the knowledge that the laborious process itself, while improving appearance, is causing additional damage to the hair.

Matting is often caused by raised cuticles that ratchet with adjacent hair shafts. The cuticle structure can be visualized as a set of nested foam cups or the layers of shingles of a roof. Causing the cuticle structure to lie flat on the hair shaft will result in easier combing through the coat. While grooming tool designers

have developed hand held combs and rakes that help with grooming matted coats, it is still difficult to work through hundreds of strands of tightly interwoven mats that in some cases have actually become spherically shaped clumps. Matting can also be caused by the accumulation of sebum on the hair which attracts debris and causes the hair shafts to bind together. Certain products are available to improve slip between hair strands with quaterniums that smooth and coat the individual strands. Such spray on detangle dematting products can be used before and after the bathing process.

The speed control board controls the rotation speed of the blower motor. This is done with an electronic device called a Triac. This device, in a variable resistance circuit acts just like a dimmer for lights in a home. This circuit, based on resistance (affected with the speed potentiometer)





allows voltage and current flow only on for a portion of the 50/60 Hertz power cycle. The speed control potentiometer controls the point in each cycle that the triac is triggered on. With the speed control turned all the way up the triac is turned on at the beginning of each cycle. As the speed control is turned down, the trigger point is delayed more and more. This reduces the average power fed to the motor and thus reduces speed.

It easier to bath and comb the coat afterwards. However if the coat is badly matted, which is often the case, combing the coat will be a difficult and time consuming process. Most groomers prefer a comb for this process and work from the bottom up on the coat while working from the outside in. Working from the top down only ads to the mats. Working from inside out will only tighten the mats or pull the hair out. A spray on detangling product is used with Combing and brushing prior to the bathing process. This liquid functions best with a minimal application to the coat since excessive application will wet the coat and make combing and brushing difficult. Such products, if well formulated, also contain conditioning agents that repair much of the damage caused by brushing.

During the Bath: Matting caused by the accumulation of sebum on the hair which attracts debris and causes the hair shafts to bind together can be relieved by a good shampooing process. While bathing is done to remove sebum and debris deposited on the coat it is possible to take advantage of this grooming step by incorporating a conditioner with the shampoo base. Shampoos may include additives that dramatically reduce combing and brushing time. So much that in some cases, tangles and mats can be blown out with a high velocity dryer in seconds rather than literally up to hours of combing and brushing. In the absence of detangling ingredients, as with most common pet shampoos, one can use additives. One of the additives that are available for shampoo is a concentrated liquid that converts the shampoo to a dematting product. With products of this type, only a one or two ounces of the concentrated solution needs to be added. When the mats are eliminated the grooming time required is reduced significantly. In the bathing process while the cleansing surfactants solubilize the oily sebum the additive deposits a thin

layer of a conditioning agent on the hair shaft which results in easy combing through the mats.

After the Bath: While a number of shampoos have printed label claims of "fast drying" many fail to include ingredients that produce this outcome. Ingredients that will assist in fast drying include cosmetic grade silicone derivatives and other conditioning agents. These additives form a barrier on the cuticle that repels the water beads on each hair shaft. Fast drying shampoos are formulated to accelerate the drying process after shampooing.

The drying process is a two step procedure. In the first step the bulk of the water is mechanically removed from the coat. This can be visualized as the starburst pattern generated as a dog emerges from a "dunk" in the lake and shakes to remove the mass of excess water on the coat. In this same way (mechanically removing the water) the bulk of the water is effectively removed from a coat with a high velocity dryer. Air flow forces water beads to roll off the coat. Towels also help to mechanically remove excess moisture. The second phase of the drying process is the evaporation process. It is possible to accelerate both the mechanical removal and evaporation processes by getting the water to sheet on the hair shaft.

The sheeting is accomplished by reducing the surface tension of water remaining in the coat. By sheeting there is a reduction in the height of the pool of water and increase the surface area it covers. It is not hard to visualize that when the thickness of the layer of water is reduced the evaporation process will be shorter. The process can be visualized using several examples. Water droplets on a kitchen counter tend to collect as raised pools of liquid. When a cloth is used to wipe the counter the water is "smeared" on the counter reducing the height of the liquid on the counter and allowing it to dry quicker. Sheeting is also produced from sheeting agents like Jet Dry, a product used in dishwashers to prevent the formation of water spots on glassware. Another example is, drying hands in public bath rooms that are equipped with a forced air dryer. In order to accelerate the drying process it is necessary to rub the hands together in order to reduce the thickness of the water layer on the skin thereby accelerating the

drying process. Such "spray on – leave in" products have been proven to reduce blow dry time by as much as 50%. Some large volume pet grooming shop owners mandate that their bathers use such products for the purpose of reducing blow dry time.

After the Groom: Another liquid that reduces grooming time is known as waterless shampoo. These products are dispensed as foam. The attractive benefit of this product is that it can be applied to small areas which need the cleaning. Washing small spots instead of having to bath the entire coat will save the groomer time. This is particularly true when a dog soils itself prior to being released to its owner. With waterless shampoo it is possible to wash only the affected area and not the entire coat. When choosing products that will save time it is always good to experiment with conditioners as they will impart many benefits to the coat not the least of which are improved wet and dry combing.

References:

A.L. Hunting (1985). Encyclopedia of Shampoo Ingredients. New Jersey: Micelle Press, Inc.

Meisler, Elly. "A comparison of chelating agents in the laboratory with respect to viscosity." EZGroom Internal Publication June 12, 2004.

Cosmetic Bench Reference, Allured Publishing Company, Abbott Park, IL 1998







EZ-DRY® & EZ-DRY® III Variable Speed Force Dryer

Variable Speed with 9 ft. power cord and crush resistant hose.

The Power Behind Professional Pet Grooming in America! Powerful - Quiet -Lightweight - Rugged - Variable Speed Control

Specifications: Marble Grey, Pink, Purple (EZ-DRY)

- Install: Wall mount or set on/hang below your grooming table.
- Color: Hot Fuchsia Pink, Granite (grey/white/black) and Purple
- Volts: 110/115v (220 Volt for USA, Europe and Australia add \$20.00)
- Air Temperature: 11-14° F above ambient air.
- Housing: Rugged Polymer
- Handle: EZ-Rough Grip Convenient soft touch
- Nozzle: Neoprene high-speed nozzle
- Hose: 9' reinforced heat resistant hose (cuffs are screwed and glued)
- Cord: 9' heavy-duty grounded cord
- · Warranty: 1 year limited warranty (excludes filters, hoses and brushes)

	•
Specs	Price
(9.8 amps, 0-130 cfm, 8"H x 8"W x 10"L,	
Weight 14 lbs, \$20.00 Freight)	. \$395.95
(18.6 amps, 0-260 cfm, 9"H x 14"W x 11"L,	
Weight 19 lbs, \$30.00 Freight)	. \$649.95
RY ${ m ilde R}$ or any other Standard 1 1/2" hose	\$29.95
Z-DRY® & EZ-DRY® III	\$21.95
ith 1.5" hose Cuffs	\$49.95
(Up to 50 feet in length available) \$6.0	00 Per Foot





Blow-out tangles and matts instead of combing and brushing. Perfect for double coated and long hair pets. Cut your blow dry time in half using EZ-Dry with EZ Groom's Ultrafast Blow Dry Conditioner \$11.95











XPOWER B-16 Pro Finisher Stand Dryer

Variable Speed and Variable Heat

Specifications:

- Quiet and powerful ¼ HP Brushless DC Motor, producing 300 CFM of high volume airflow to achieve a show quality finish
- 360 degree rotating nozzle with tilt-able head for complete hands-free convenience
- · Adjustable stand (included) up to 5 FT. maximum height
- · Anion Generator reduces static electricity occurring from brushing
- Washable and easy to change 2-stage filter system
- · Lightweight and durable ABS Housing at 17 Lbs.
- · Portable with 5 foldable legs
- •12 Amp maximum power draw, with ETL/CETL Electrical Safety Certification
- •13 FT power cord

Model	Price
X Power B-16 Stand Dryer	\$641.95

EZ-DRY® & EZ-DRY® III Variable Speed Force Dryer

Variable Speed with 9 ft. power cord and crush resistant hose.

The Power Behind Professional Pet Grooming in America! Powerful - Quiet - Lightweight

- Rugged - Variable Speed Control

Specifications: Marble Grey, Pink, Purple (EZ-DRY)

- Install: Wall mount or set on/hang below your grooming table.
- Color: Hot Fuchsia Pink, Granite (grey/white/black) and Purple
- Volts: 110/115v (220 Volt for USA, Europe and Australia add \$20.00)
- Air Temperature: 11-14° F above ambient air.
- · Housing: Rugged Polymer
- Handle: EZ-Rough Grip Convenient soft touch
- Nozzle: Neoprene high-speed nozzle
- Hose: 9' reinforced heat resistant hose (cuffs are screwed and glued)
- Cord: 9' heavy-duty grounded cord
- Warranty: 1 year limited warranty (excludes filters, hoses and brushes)

Model	Specs	Price
EZ-DRY®	(9.8 amps, 0-130 cfm, 8"H x 8"W x 10"L, Weight 14 lbs, \$20.00 Freight)	\$395.95
EZ-DRY® III	(18.6 amps, 0-260 cfm, 9"H x 14"W x 11"L,	
	Weight 19 lbs, \$30.00 Freight)	\$649.95
Cage Adapter for EZ-D	RY® or any other Standard 1 1/2" hose	\$19.95
Spare Brush Sets for EZ-DRY® & EZ-DRY® III		\$21.95
Standard 9 foot hose with 1.5" hose Cuffs		\$49.95

XPOWER X-430TF Cage Dryer Combo

Multi-cage Drying Kit Included

Specifications:

- · Quiet and powerful motor that is completely maintenance-free!
- Produces gentle and safe room-temperature airflow up to 3,200 CFM; ideal for sensitive pets
- •Features a timer that can be set up to 3 hours for hands-free convenience
- •3 speed settings to cover a variety of breed sizes and coat types
- •Adapter Kit with sturdy hoses and adjustable airflow gates dry up to 3 cages simultaneously
- •Easy to clean filter kit (\$17 value) keeps motor running at peak performance
- •Convenient wrap-around cord design for easy storage
- •Low power draw up to 7.5 Amp maximum
- •Listed price DOES INCLUDE the three hoses with closure apertures

Model	Price
XPOWER X-430TF Combo (1/3 HP, 2000 CFM, 3.8 AMPS)	\$349.00









How to Order:

1-800-777-5899 or online at www.EZGroomPro.com sales@ez-groom.com ***ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE*** text: 248-421-3344

Normal Hours of Operation:

M - F, 9:00 am to 5:00 pm, EST

Minimum Order:

Our minimum order is \$60.00. Any order under \$60.00 is subject to a \$6.00 service charge.

Shipping Information:

Please allow 24-48 hours to process your order. Same day rush fee of \$8.00 plus normal carrier uncharges for premium delivery services. LTL and Full Truckloads shipping arranged separately

Returns:

All return/refund requests must be reported within 10 business days from the receipt of your order. This is done via a phone conversation with your Customer representative at 1-800-777-5899. At that time you will be given important information (ex. Restocking fees, return authorization numbers, return freight responsibilities, etc.) that is mandatory for a successful return/refund. Please have as much information (complete merchandise totals & detailed return/refund reasons) available at the time of your phone call so we may process your request as soon as possible. Shampoo Fragrance intensity and color variation may be experienced and shall not constitute grounds for credit or return. Unreported (unauthorized) returns will not be accepted and may be refused by our warehouse. Outgoing UPS FSC (fuel surcharge) applies to replacement clippers. Please also note at the time of your delivery to be sure to check your packages for any damages. If damages occur and are not noted delivering driver, claims will be extremely difficult to process. This also applies to all missing packages.

Please Also Note:

Due to circumstances beyond our control, all prices packaging, colors, and minimum quantities are subject to change without notice. Please confirm pricing and packaging when placing your order. We apologize for any typographical errors in this catalog but cannot be held responsible for them.







3/8" Value Grey Ribbed Anti Fatigue Dry Mat

Soft surface will provide comfort for the groomer and because it's light it can be tossed up on the table to keep the dog with nails from sliding all around. High durometer soft rubber will allow the nail to depress into and resist slip. While these mats do wear out and they do not have a warranty but they are tear resistant. For dry applications only. 24" x 36" x 3/8 thick.

Specifications:

- Stand on it or toss it up on the table
- · Keep dogs from slipping
- Dry applications
- · Helps you groom more dogs

Model	Price
3/8" Value Grey Ribbed	\$33.95
3/8" Value Grey Ribbed (price at booth)	\$20.00



PRICES SUBJECT TO CHANGE WITHOUT NOTICE

5/8" Supreme Black Pebble Anti Fatigue Dry Mat

2 feet x 3 feet so it is pretty easy to move around. Easy on the feet and joints, makes standing around the grooming table much easier. A lot of groomers who are working for shop owners pay for these with their own money just because they provide so much comfort. Dry applications only. 24" x 36" x 5/8 thick.

Specifications:

- 5/8" thickness provides real comfort
- 2 feet x 3 feet size can be moved around easily
- Helps relieve foot and back pain
- Groom more dogs every day
- Dry application

Model	Price
5/8" Supreme Black Pebble	\$59.95
5/8" Supreme Black Pebble (price at booth)	\$42.00



7/8" Black Safety Wet/Dry Mat

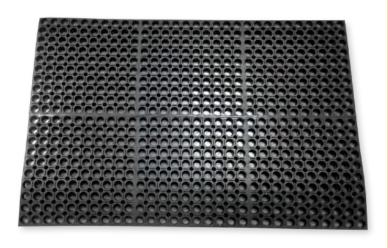
Shop owners reduce the incidence of slips and falls in front of your tubs. Tired legs and feet appreciate these heavy duty anti-fatigue mats. Get more productivity out of your workers and create a safer workplace. For wet and dry applications.

24" x 36" x 7/8 thick.

Specifications:

- For wet and dry applications in front of bathing tubs and sinks
- Shop owners prefer to reduce injury and associated claims
- Throw in the tub and wash the mat itself and dry in the tub
- Anti-fatigue properties allow more dogs to be bathed
- · Strategic holes will prevent the mat from hydroplaning
- Our most advanced formulation
- Reduce the likelihood of slips, falls and accidents!

Model	Price
7/8" Black Safety Wet/Dry Mat	\$79.95
7/8" Black Safety Wet/Dry Mat (price at booth)	\$49.00







Mix and Match

any 3 for \$50 any 6 for \$90

Bathing Apron

\$19.95

Keep dry and clean while bathing. Upgraded adjustable quick release neck buckle system is included. Comes just below the knee to keep your legs dry too. Quick tie in back wraps around your waist, not too has as with some aprons. To clean, just wipe clean and line dry. Durable for professional use. Advanced lightweight flexible polyester with water-resistant vinyl coating.

- Quick Disconnect Neck
- Graphics on Front "Give A Dog a Bone Bath"
- Spot to Write Your Name
- Covered Pockets
- Below the Knee
- Adjustable waist
- One size fits most (28" x 36")

Grooming Pants

\$19.95

Protect your clothing while grooming animals. Wide elastic waist band allows them to be worn over your regular clothes. Every pocket is covered to keep hair and debris from collecting. Very light weight so you will not over heat. Flaps on all six pockets. Artwork on back pockets.

- Elastic Waist Band / Drawstring
- Covers On All Pockets
- Customizable Pant Length
- V-Neck
- Keeps Hair Off
- Adjustable waist
- Reflective waist









\$19.95

Keep the hair off, keep cool, protect your clothing, save time by not having to change in/out of your work outfit for grooming. Put on this light weight, low cost, fashionable smock over your normal clothes when you arrive at work. Tunnel Belt is adjustable elastic hidden type with "Tie Free" and "Spring Free" easy to operate Toggle Keeper.









fazeli

RazeR® Shears (Titanium, Mirror Finish & Elite Series)

The world's best. German, American and Japanese style. The Right metallurgy makes the right shear. These shears are designed to hold their edge between sharpening.

- Try the shear out, if they are not for you then return them within 7 days for a full credit. (sorry no return on lefty's)
- Low cost with high performance. Get the "Right Look" with Razer® Shears.

RazeR® Shears 3 Piece Set

Finely crafted handmade shears are vacuum forged, then quenched and tempered 400 series stainless steel. 3 pieces set comes with beautiful EZ-Groom leather carrying case with space for four (4) shears.

Model	Price
RazeR Mirror Finish Series Shears 3 Piece Set	\$149.95
RazeR Elite Series Shears 3 Piece Set	\$199.95
RazeR Titanium Series Shears 3 Piece Set	\$169.95

RazeR® Mirror Finish Series Shears

RazeR- Stainless Steel deep hollow ground convex edge with forged steel finger rest & adjustable tensioner. Mix & Match - Free case with any 3 pairs.

Model	Shear Spec	Price Each
RazeR Mirror Finish	6 1/2" 42T Thinner	\$79.95
RazeR Mirror Finish	6 1/2" 48T	\$79.95
RazeR Mirror Finish	7 1/2" Straight	\$69.95
RazeR Mirror Finish	7 1/2" Curved	\$79.95
RazeR Mirror Finish	8 1/2" Straight	\$79.95
RazeR Mirror Finish	8 1/2" Curved	\$89.95
RazeR Mirror Finish	10" Straight	\$89.95
RazeR Mirror Finish	10" Curved	\$99.95
Leatherette Case/Sock	(FREE with	any 3 pairs) \$6.95

RazeR® Elite Series Shears

RazeR Elite- 440C Stainless Steel ball bearing adjustable tentioner reduces pivot hole wear and makes scissoring effortless. Convex edge and hollow ground. Mix & Match - Free case with any 3 pairs.

Model	Shear Spec	Price Each
RazeR Elite	7" 20T Whale Tail "Chunker"	\$139.95
RazeR Elite	8" Lite	\$139.95
RazeR Elite	8" Straight	\$139.95
RazeR Elite	8" Curved	\$139.95
RazeR Elite	10" Straight	\$99.95
RazeR Elite	10" Curved	\$109.95
Leatherette Case/Sock	(FREE with any 3	3 pairs) \$6.95

RazeR® Titanium Series Shears

RazeR Blue- PVD titanium coated for additional hardness & use between sharpening with forged finger rest & beautiful adjustable tensioner. Convex edge hollow ground. Mix & Match - Free case with any 3 pairs.

Model	Shear Spec	Price Each
RazeR Titanium	6 1/2" 42T Thinner	\$79.95
RazeR Titanium	7 1/2" Straight	\$99.95
RazeR Titanium	7 1/2" Curved	\$109.95
RazeR Titanium	8 1/2" Straight	\$99.95
RazeR Titanium	8 1/2" Curved	\$109.95
RazeR Titanium	10" Straight	\$109.95
RazeR Titanium	10" Curved	\$119.95
Leatherette Case/Sock	(FREE with	any 3 pairs) \$6.95

RazeR® Miscellaneous Shears

Model	Shear Spec	Price Each
RazeR Ball Tip Curved	4 1/2" CAT Curved	\$24.95
RazeR Beauty Shear	5 1/2" S Inline	\$24.95
RazeR Beauty Shear	5 1/2" Offset	\$49.95
RazeR Swivel	8 1/2" Swivel Thumb	\$69.95
RazeR Comb and Cut	Fishbone Comb	\$79.95
RazeR Safety Ball Tip	7 1/2" Bail Tip Curved	\$49.95
RazeR Double Thinner	40 Tooth Double Blender	\$79.95
RazeR Blue Stone	8 1/2" Straight Sapphire	\$89.95
RazeR Blue Stone	8 1/2" Curved Sapphire	\$99.95

7 1/2", 8 1/2", or 10" Straight and Curved





5 1/2" Hemo (ear hair puller)

"16-4" Sharpening Box

Save \$200.00+ (Don't Buy New)



Try to Fill The Box (Best Value)





Crystal White® Shampoo

As a great stain remover wet the stained area, apply Crystal White® Shampoo full strength, wrap lightly with plastic wrap and apply heat from dryer. This will activate the enzyme and helps to remove stains. To keep under eyes and faces clean, apply crystal white to a wet cloth and heat for 10 seconds in the microwave (if microwave is not available use warm water) wash the face and under eyes using wet cloth, no need to rinse.



The Answer

Mix 1oz. of the Answer to 15 oz of water in a spray bottle. Just before you begin drying mist lightly over coat. This will detangle the coat and help to make drying faster. Also leaves the coat silky without any heavy buildup.

Add a capful of this to any shampoo to get immediate detangle properties.



Conditioner Cream Rinse

To help eliminate shedding and control static. After bathing apply Conditioner Cream rinse and leave on the coat for 5 minutes. Rake or comb out loose coat, rinse well.



Ear Magic

Ear magic is not only the perfect ear cleaner; it is also an amazing skin treatment. Ideal for use on hot spots and clipper burned areas. Apply using a tissue or cotton ball to the affected area. Ear magic is also excellent for removing tree-sap and gum from the pet's coat. Generally used before the bath.



Eau Der Gone

To eliminate smoke odors on pets, apply the Eau Der Gone to the pets coat and leave on for at least 5 minutes before bathing. This will remove the nicotine smell and leave the pet smelling fresh. This product may also be applied after rinse using it as a "leave on" odor destroyer.

Ear Magic II

Ear magic II is non-oily and is popular with those groomers who prefer to do the ears after the bath. Non Oily.



32 oz Mixing Bottle Ringed & Graduated in Ounces & mL

Size	Price /Each	Price / Quantity
32 oz Bottle	\$4.25	\$51.00 / 12









Whale Tail Chunker

Professional quality pet grooming Chunker Thinning shear. Forged stainless steel material to hold edge and resist corrosion. Well balanced design with forged finger rest and split adjustable ball bearing tension know.

Regular Price is \$119.95 (Save \$69.95)

Size	Price /Each	Price / Quantity
22 Teeth	\$79.95	\$99.95 / 2



Grooming Bands

Safe for all hair types. Will not cause breakage. Please specify: cream, black, purple or yellow.

Size	Price /Each	Price / Quantity
500 ct. bag	\$4.95	\$59.40 / 12



Assorted colors with fancy gold edging & 2 gold beads in the center. 1 1/2" x 1 1/2" width for installation. Colors include pink, yellow, black, red and white.

Size	Price /Each	Price / Quantity
25 ct. bag	\$2.95	\$7.95/3
100 ct. bag	\$10.00	\$30.00/3

			EZ - Gr	oom Dilu	tion Mixing	Chart			
Concentration		Shan	проо	Water	Concentration		Sham	poo	Water
	Cups		Tablespoons			Cups		Tablespoons	
	1.6	OR	25.6	5 gallons		5	OR	80	5 gallons
E0.4	1/3	OR	5.5	1 gallon	46.4	1	OR	16	1 gallon
50:1	1/6	OR	2.6	1/2 gallon	16:1	1/2	OR	8	1/2 gallon
	1/12 OR 1.3 1 quart (32 oz)		1/4	OR	4	1 quart (32 o			
	2.5	OR	40	5 gallons		10	OR	160	5 gallons
32:1	1/2	OR	8	1 gallon		2	OR	32	1 gallon
32:1	1/4 OR 4 1/2 gallon 8:1	0.1	1	OR	16	1/2 gallon			
	1/8	OR	2	1 quart (32 oz)		1/2	OR	8	1 quart (32 o
	3.3	OR	52	5 gallons		20	OR	320	5 gallons
24.4	2/3	OR	10.5	1 gallon		4	OR	64	1 gallon
24:1	1/3 OR 5 1/2 gallon 4:1	4:1	2	OR	32	1/2 gallon			
	1/6	OR	2.5	1 quart (32 oz)		1	OR	16	1 quart (32 oz







Andis® Professional Pet Grooming Products

Item #	EZG	Product Description	Price Each
23275	ANAGC2B	Blue AGC Super 2 Speed Clipper with Blade	\$195.19
23280	ANAGC2M	Maroon/Burgundy AGC Super 2 Speed Clipper with Blade	\$195.19
79050	ANAG	ZR II Pulse Purple	\$396.26
65290	ANEXCELB	Excel 5-Speed Detachable Blade Clipper - (Blue)	\$254.72
65355	ANEXCELF	Excel 5-Speed Detachable Blade Clipper - (Fuchsia)	\$254.72
			,
12485	ANG-1	Black AG SQUARE - OLD STYLE CLIPPER	\$143.00
22350	ANAGC	Andis AGC Black Round - Classic Clipper	\$128.95
32330	AVTRIM	Andis Powertrim - Silver Square (the little trimmer)	\$43.95
65330	ANDEN65	Endurance Teal Brushless 2-Speed Clipper - (Turquoise-Teal)	\$199.95
73515	ANPULSE	Pulse Li5 Blade - 2 Hr Cordless - Rounded 9.8 oz	\$169.95
	. William	Adjustable Blade (10,15,30,35,40)	





Item #	EZG#	Product Description	Price Each
21641	ANBT84	T-84 UltraEdge Blade Set, 3/32" - 2.4 mm	\$31.99
22305	ANBT10	T-10 UltraEdge Blade Set, 1/16" - 1.5 mm	\$38.99
63150	ANB45F	#4 - 1/2FC UltraEdge Blade Set, 5/16" - 7.9 mm	\$24.95
63155	ANB6F	#6FC UltraEdge Blade Set, 3/16" - 4.9 mm	\$21.95
63980	ANB375HT	#3/4" HT UltraEdge Blade Set, 3/4" - 19 mm	\$49.05
64071	ANB10	#10 UltraEdge Blade Set, 1/16" - 1.5 mm (64071)	\$23.88
64072	ANB15	#15 UltraEdge Blade Set, 3/64" - 1.2 mm (64072)	\$23.86
64075	ANB30	#30 UltraEdge Blade Set, 1/50" - 0.5 mm (64075)	\$24.99
64076	ANB40	#40 UltraEdge Blade Set, 1/100" - 0.25 mm (64076)	\$22.95
64079	ANB5	#5 Skip Tooth UltraEdge Blade Set, 1/4" - 6.3 mm	\$34.95
64080	ANB7	#7 Skip Tooth UltraEdge Blade Set, 1/8" - 3.2 mm	\$24.07
64090	ANB4	#4 Skip Tooth UltraEdge Blade Set, 3/8" - 9.5 mm	\$46.95
64120	ANB9	#9 UltraEdge Blade Set, 5/64" - 2 mm (64120)	\$24.95
64121	ANB7F	#7FC UltraEdge Blade Set, 1/8" - 3.2 mm (64121)	\$25.95
64122	ANB5F	#5FC UltraEdge Blade Set, 1/4" - 6.3 mm (64122)	\$27.95
64123	ANB4F	#4FC UltraEdge Blade Set, 3/8" - 9.5 mm (64123)	\$38.95
64133	ANB375	#3 - 3/4 Skip Tooth UltraEdge Blade Set, 1/2" - 13 mm	\$49.95
64135	ANB375F	#3 - 3/4FC UltraEdge Blade Set, 1/2" - 13 mm	\$56.95
64170	ANB85	#8 - 1/2 UltraEdge Blade Set, 7/64" - 2.8 mm	\$24.95
64185	ANB50	#50SS UltraEdge Blade Set, 1/125"02 mm	\$19.19
64930	ANB58HT	#5/8" HT UltraEdge Blade Set, 5/8" - 16 mm	\$47.36
64960	ANB58W	#5/8" Wide Toe UltraEdge Blade Set, 1/32" - 0.8 mm	\$40.95
32355	ANTRIMB	Replacement Blade for Power Trim	\$10.50

Andis® Universal Combs

Item #		Product Description	Price Each
24625	ANCOMBCC	8-Piece Color Coded Spring Loaded (Fits 10 and 30 Blades)	\$39.95
		#5 - 1/8", #4 - 1/4", #2 - 3/8", #1 - 1/2", #0 - 5/8", #A - 3/4", #C - 7/8", #E -	1"
12990	ANCOMBL	8-Piece Large Comb Set - Blue Plastic	\$14.95
		Sizes: 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/4"	
12990	ANCOMBS	9-Piece Small Comb Set - Blue Plastic	\$14.95
		Sizes: 1/16", 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16"	









\$43.95







\$254.72 #65290 Excel 5 Speed ANEXCELB **BLUE**

Andis® CeramicEdge Blades

Itam #	EZG	Draduat Description	Price Each
Item #		Product Description	
63910	ANCB375HT	#3/4" HT CeramicEdge Blade Set, 3/4" - 19 mm	\$45.95
64240	ANCB7FC	#7FC CeramicEdge Blade Set, 1/8" - 3.2 mm	\$29.40
64245	ANCB7	#7 Skip Tooth CeramicEdge Blade Set, 1/8" - 3.2 mm	\$24.95
64255	ANCB15	#15 CeramicEdge Blade Set, 3/64" - 1.2 mm	\$23.88
64260	ANCB30	#30 CeramicEdge Blade Set, 1/50" - 0.5 mm	\$22.95
64265	ANCB40	#40 CeramicEdge Blade Set, 1/100" - 0.25 mm	\$28.66
64270	ANCB9	#9 CeramicEdge Blade Set, 5/64" - 2 mm	\$22.95
64295	ANCB4FC	#4 FC CeramicEdge Blade Set, 3/8" - 9.5 mm	\$29.95
64300	ANCB5	#5 Skip Tooth CeramicEdge Blade Set, 1/4" - 6.3 mm	\$27.59
64310	ANCB85F	#8 - 1/2 CeramicEdge Blade Set, 7/64" - 2.8 mm	\$22.95
64315	ANCB10	#10 CeramicEdge Blade Set, 1/16" - 1.5 mm	\$26.95
64370	ANCB5FC	#5FC CeramicEdge Blade Set, 1/4" - 6.3 mm	\$29.95
64435	ANCB375FC	#3 - 3/4FC CeramicEdge Blade Set, 1/2" - 13 mm	\$39.95
64440	ANCCC	Coarse Ceramic Cutter, Sizes 50 and 40	\$11.95
64445	ANCCM	Medium Ceramic Cutter, Sizes 50 and 40	\$11.95

Andis® Large Animal Grooming Products

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Item #	Model	Product Description	Price Each
68010	ANAPRO	Cattle & Horse Clipper	\$299.95



\$ 199.95 #65330

Andis® Cords, Cord Maintenance & Blade Accessories

Item #		Product Description	Price Each
21936		AG Brush & Spring Assembly	\$4.29
21790	ANCORD	AG, AG2 Cord Set - 14 foot	\$11.95
64250	ANCORDAGC	AG, AGP Cord Set - 14 foot	\$11.95
S20651		AG, AGP, AGR+ AGC, AGCL, AGRC, MBG 4x4 Blade Drive Assemb	oly \$4.59
28193		AG, MBG Hinge Assembly	\$8.25
64537		AGC, AGC2, AGCL, AGR+ AGRC, AGP Blade Lock	\$2.95
S63897		AGC, AGC2, AGCL, AGR+ AGRC, AGP Hinge Assembly	\$8.25
60067	ANCORDEX	SMC 5 SPEED EXCEL Replacement Cord	\$43.95
EX-123		Blade Carrying Case - 12pc	\$14.95
12501		Andis Clipper Oil (48 - 4 oz. Bottles per case)	\$1.89
12570	ANOIL	Blade Care Plus (16.5 oz. Jars per case)	\$12.95
64710	ANAGRCS	Super AGR+ Sensa-Charge Charger - Black	\$99.95
64440	ANCCC	Coarse Cutter Ceramic	\$11.95
64445	ANCCM	Coarse Medium Ceramic	\$11.95
12590	ABC516	16 oz. Pump Spray	\$15.95
12750	COOLCARE	15.5 oz Aerosol Spray CoolCare	\$6.95









MAINTENANCE INSTRUCTIONS:

The EZ-DRY® Series High Velocity Pet Dryer is equipped with two filters that should be routinely cleaned or replaced as needed.

1. CLEANING THE FACEPLATE INLET FILTER

This filter is on the faceplate or front of the unit. It can be manually removed with ease. Routinely remove and clean accumulated hair and loose debris. Maintaining this filter will maximize unit performance. This filter may be hand washed with any mild cleaners. Spare filters are available - FLT-503. Call EZ-Groom: 800-777-5899.

2. CLEANING THE INTERNAL FILTER

UNPLUG THE DRYER FROM THE ELECTRICAL OUTLET. This filter is located inside the box on the rear of the motor. Remove the two phillips head screws from each side of the plastic case and slide the motor module from the case. Remove this filter (dome shape) from the motor. Remove hair and debris from both sides of the filter. Re-install the filter and secure using duct type. Make sure the wire nuts that hold the wires together have not come loose. Slide the motor module back into the case.

Re-install two phillips screws on each side of the box. Maintaining this filter will help preserve the life of the motor. For motor filter replacements - FLT-403. Call EZ-Groom: 800-777-5899.

3. REPLACING THE MOTOR BRUSHES

This should only be done by a qualified service technician. For motor brush replacements - BRSH-404. Call EZ-Groom: 800-777-5899. Search video on Youtube.com by EZ-Groom EZ-Dry. See video at: http://www.youtube.com/watch?v=RooVKcdwZzQ Ship the Dryer to us for complete TUNE-UP!

WARNING! DO NOT POINT AIR FLOW INTO ANIMALS EYES AS IT MAY RESULT IN SERIOUS INJURY. DO NOT IMMERSE THE EZ-DRY IN WATER. ELECTRICAL SHOCK. DO NOT PLACE THE EZ-DRY IN STANDING WATER. ELECTRICAL SHOCK. DO NOT REMOVE OR ALTER THE GROUNDING PLUG. DO NOT RUN THE UNIT UNATTENDED OR ON FOR LONG PERIODS OF TIME. ONLY OPERATE WITH BOTH FILTERS IN PLACE.

EZ-Dry Parts

Item #	Product Description	Wholesale
1-BRSHB404W	EZ-Dry Carbon Brush Set Brass	\$22.95
2-BRUSHP404 W	EZ-Dry Carbon Brush Set Plastic	\$22.95
3-BULK 301 W	Bulkhead Flange Air Out	\$7.95
4-BULK302 Stainless	Steel Bulkhead Flange Fastener	\$3.95
5-BULK303 Bulkhead	Gast Small Circle 4 Holes	\$4.95
6-CONC 217 W	EZ Concentrator	\$14.95
7-CONT 204 W	EZ DRY® Speed Control	\$69.95
8-CUFF 15 W	EZ Cuff for Hose	\$9.95
9-EZCORDIIIW	EZ DRY® III Power Cord 9' 12Gauge	\$19.95
10-EZCORDIW	EZ DRY® I Power Cord 9' 14Gauge	\$12.95
11-EZDMH	Dual Motor Housing PVC	\$49.00
12-EZFOAMI	Foam Wrap Interior & Back 2pc	\$7.95
13-EZFOAMIII	Foam Wrap Interior & Back 2pc	\$9.95
14-EZGFP	Outside Face Plate Gasket sm Circle	\$4.95
15-EZHS	Handle Support	\$14.00
16-EZIFP	Single Motor Face Plate	\$25.00
17-EZIIIFP	DUAL Motor Face Plate	\$39.00
18-EZIIIMHGDB	Inside Dual Motor Sing Hole dog bone	\$11.99
19-EZIIIMHGF8	Inside Gasket Dual Motor fig 8-2 Hole	\$11.99
20-EZIMHG	Inside Motor Gasket Large Circle	\$4.95
21-EZKNOB	Knob Only	\$3.00
22-EZMECHFAS	EZ-DRY® Mechanical Fastener Kit	\$12.95
23-EZSMH	Single Motor Housing PVC	\$18.00
24-FILTER 403 W	EZ DRY® Dome Filter	\$11.95
25-FLT 302 L	EZ DRY® III Replacement Front	\$3.00
26-FLT 302 S	Dry I Replacement Front Filter	\$2.00
27-HOSE 209 W	EZ DRY® 9' Dryer Hose	\$49.95
28-KD AIR 306 W	EZ Adaptor - Hose 1.5-2.25"	\$4.95
29-MTRPW	EZ-115923 115 Volt Dryer Motor w/Plastic	\$95.00
30-PEEL101	Water Peeler	\$9.95
31-SKINI	Skin for EZ DRY® I	\$28.95
32-SKINIII	Skin for EZ DRY® III	\$49.95
33-HOSE 205	EZ 5' DRY® Hose	\$32.95
34-EZDRYCO	Connector Tube Grey	\$4.95
35-Conc HF	Concentrator High Force	\$11.95
36-HOSE C	Custom Hose up to 50 ft.	\$5.00/ft
37-Tunel	Tune Up Single MTR	\$59.95*
38-TuneIII	Tune Up Dual MTR	\$109.95*
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WARRANTY:

EZ-Groom, the manufacturer, warrants the EZ-Dry® Series High Velocity Cool Air Pet Dryers against defects in materials and workmanship arising under normal usage and care for a period of one year from date of original sale. Extended limited warranty on parts only may be purchased within the normal one-year warranty for \$50.00 per year.

DISCLAIMERS:

Hose and all hose attachments are not covered under warranty. Warranty does not cover freight costs. If a problem occurs, please call for a RMA number (Return Materials Authorization Number). Unit to be shipped freight prepaid to EZ-Groom.

WARRANTY DISCLAIMERS:

Damage in Shipment, rust or corrosion caused by detergent and/or moisture, dirty motors, failure caused by inadequate filter cleaning, damage caused by heavy impact, incorporating any devices not approved or sold by EZ-Groom, evidence of disassembly or attempted field repair by a non authorized repair center. Any motor where commentator or brush wear indicates the motor has been used to full extent of its normal life expectancy regardless of the date sold, are not warranted by EZ-Groom. Units returned for repairs found not be covered under warranty, EZ-Groom will obtain owner permission for repair charges before repairing unit unless.







Specifying Pet Shampoo - The Basics

D.J. Williams and Ellen Kominars EZ-Groom Corp., Oak Park, MI. U.S.A.

Dozens of new products have been formulated for a variety of positive outcomes, but which to select can be difficult. Coat type, condition, irritation, odor, oiliness, thickness of hair all influence the decision.

Bathing, often being the first step in the pet grooming process makes selection of the liquid products, shampoos, conditioners and other liquid products crucial in obtaining the desired results.

Experienced groomers select professional shampoos, as many of these products are consistent, high quality concentrated such to reduce both space needs and incoming freight cost.

Shampoo selection is often based on personal experience with professional products. Professional groomers are also aware of the differences between personal care shampoo and professional pet grooming shampoo. For example they are aware of the differences in the pH of pet and human skin is acidic in the range of 5.3-5.5, the pH of a dog's skin is much higher, much closer to neutral ranging from 6.7-7.4.

This article examines four primary topics

that influence purchase decision. The first being coat type, structure and condition. Second, skin conditions which require not only cleansing the coat but also treating angry and irritated skin. Third coat enhancers which, post bathing, affect texture, color and manageability. Finally flea and tick issues with their associated skin conditions.

Pets do not specify shampoos, conditioners and other related products. People, specifically groomers, in a way similar to selection of products for their personal use, make the purchasing decision. Today's market is flooded with Shampoo

Formulations can overwhelm even the most up to date and knowledgeable groomer. The professional groomer is the best source of information and feedback when developing new formulations.

Fragrance, viscosity and foam are the three leading attributes that influence the decision. First the shampoo bottle is opened for fragrance check. If the fragrance is appealing chances are that the product is purchased. Once in the shower, the bottle is opened and the shampoo is poured into the hand. If the shampoo is thick and pours slowly it is perceived that the product is "Rich." When applied to the hair and the shampoo lathers quickly and profusely it is assumed that that the shampoo is effective. It is not uncommon for people to shampoo their hair twice since shampooing the first time does not result in the amount of foam they desire. While these attributes are important they do not contribute to the cleansing action desired from a shampoo.

Cleansing should not be confused with foaming. The most general definition of foam is a substance that is formed by trapping many gas bubbles in a liquid or solid. Foam is a distinctive attribute of shampoos. It is produced by introducing gas or air into the water and stabilized by



surfactants, which adsorb at the newly formed interfaces. Adsorption is a process that occurs when a gas or liquid solute accumulates on the surface of a solid or a liquid (adsorbent), forming a film of molecules or atoms (the adsorbate). Foaming is important because it provides lubricity, needed for the groomer's fingers and tools to work their way through the coat allowing easier mechanical action through the hair. Formulators, who are aware of the consumer's perception and purchasing decisions, formulate products that have these attributes. It is not surprising that the groomer's perception of a "quality" pet shampoo is influenced by the, fragrance, feel and foaming action of the product. Experienced groomers, however, consider these three attributes but look beyond with a focus on the specific needs of the skin and coat. Along with cleansing, shampoos must not cause skin irritation.

The principal action of a shampoo is to remove soil consisting of sebum oil like material and trapped debris from the hair. Depending on the level of aggressiveness some shampoos may strip the hair of their natural oils and leave the hair dry and brittle. The groomer must then select a product, whether shampoo or conditioner that has refating and moisturizing agents that will "put back" or replenish the coat's needed oils and moisture.

Shampoo 101

Owing to its consistency and adhesion, soil cannot be removed, for all practical purposes, from hair by mere mechanical work. The main role of shampoo is to loosen the physiochemical bonds between soil and hair and to carry them into a water medium. The term "surfactant" always comes up when talking about the physiochemical composition of shampoo. Interestingly, the word surfactant is much like the word Kleenex. Surfactant is short for "surface-active agent," and is an expired (turned to public domain in 1950 by GAF Corporation) trademark.

Surfactants have a dual affinity: they are both oil loving and water loving. This property originates from their molecular structure; they are made of a long socalled fatty hydrocarbon chain having a water soluble head. The principle that illustrates the function of surfactants or surface active agents is shown by the diagram of Micelle. Pronounced "my cell," the diagram illustrates basics of cleansing action. Each needle-looking object

represents an amphipathic molecule. Amphipathic describes the coexistence of two normally opposed or different entities on a single platform. Examining the figure showing the micelle, one sees an arrangement composed of elements that resemble pins. Each pin or platform has a point and a head. The pinpoint is oil loving or lipophilic; and the head is water loving or hydrophilic. The oil side is attracted to oils and the water side is attracted to water. When there are many of these molecules in a water base the molecules align themselves in such a way that all the heads are in contact with the water while the tails are protected from the water. The simplest arrangement of this condition is a sphere where all the heads form the surface of the sphere, the tails being interior to the sphere. This model simplifies the visualization of the micelle showing that the interior of the sphere will trap oil molecules and let them be rinsed away.

Sebum, generated by the sebaceous glands, along with other oils with debris particulate that adhere to it. are surrounded by the oil loving center of the micelle. Once trapped inside the micelle, the oils (sebum and imbedded debris) are carried away in the rinse water. As a general and simple concept this is the cleansing process.

Surfactants are synthesized from a fatty base referred to as triglycerides which are derived either from animal or vegetable fats and oils. The constituents of triglycerides are a derivative of glycerol and an acid. The acids are therefore called "fatty acids". The fatty acids are used as ingredients in shampoo to provide conditioning to thicken and provide opacity and when neutralized to provide cleansing and foaming properties. Fatty acids are the material from which surfactants are produced.

Surfactants fall into four classes, Anionic, Cationic, Nonionic and Amphoteric. These divisions are not always well defined. Anionic surfactants are characterized by a negative charge on the "head" of the molecule (imagine the molecule looking like a pin with a head and a prickly point). Anionic surfactants have been the workhorse of cleansing agents ever since cleansing agents have been produced. There are many different types of Anionic surfactants since they are relatively simple to synthesize. Anionic surfactants are excellent foaming and cleansing agents partly because of the

shape of the surfactant molecule.

Cationic surfactants have a positive charge on the head of the molecule. They possess two important qualities: they are substantive (are attracted and will attach themselves) to negatively charged surfaces and they have anti-microbial properties. Cationic surfactants do not have cleansing properties. Since hair is negatively charged they attach to hair shaft and provide conditioning. Because cationic surfactants have a positive charge they are usually not compatible with anionic based shampoos. The cationic molecules are attracted to the anionic molecules they combine with each other to form a neutral insoluble complex. Because of the antimicrobial properties of cationic surfactants they are used as preservatives, sanitizing and disinfecting agents. Many cationic surfactants incorporate an ammonium molecule and are known as quaternary compounds.

Nonionic surfactants, usually considered to be very mild, carry no charge in their molecule. They include a large number of compounds whose flexibility of design is their distinctive feature. They generally have good solubilizing and dispersing properties and can be tailored to meet cleansing requirements. Several types of nonionic surfactants are significant in shampoo formulations but as a general class they are not used as the principal ingredients. They are most often used as additives to the basic shampoo formulation. Nonionic surfactants are often not very hydrophilic and require another surfactants to solubilize them. They are used in shampoo formulations as foam boosters, foam stabilizers and viscosity modifiers. By themselves nonionic surfactants are generally not very good cleansing and foaming agents and, except in special cases, cannot be used as the primary surfactants. Many shampoo formulations incorporate nonionic surfactants to create milder cleansing products.

Amphoteric surfactants contain both anionic and cationic solubilizing groups. The dominant feature depends on the pH of the medium. At acid (low) pH, the cationic group prevails and at alkaline (high) pH the anionic group prevails while at neutral pH or slightly below neutral pH the molecule is dipolar since it bears both positive and negative charges simultaneously. Amphoteric surfactants are used because they are very mild to



the skin and eyes. They do not foam or clean as well their anionic relatives but are however ideal partners to powerful anionic cleansers in order to make them milder. The use of milder amphoteric surfactants is often recommended for mild shampoo formulations such as baby shampoo.

Shampoo appearance may be: clear liquids, opaque (pearlescent) liquids, gels, creams, foam, aerosol and pump. There are a multitude of shampoo types including conditioning, baby, color protecting, color enhancing and deodorizing.

In order to achieve the desired properties of shampoo most formulations consist of the following type of ingredients:

- Primary surfactant (cleanser)
- Secondary surfactant (foam booster/stabilizer)
- Thickener
- Opacifier

(provides pearlescent appearance)

- Conditioners
- · Performance additives
- · Sequestering and chelating agents
- Preservatives
- Color
- Fragrance

The function of primary surfactants is to confer cleansing properties to the shampoo. Ingredients used most often as primary surfactants include alkyl sulfates and alkyl ether sulfates.

The most well known primary surfactants which are used in more than 80% of shampoo formulations are:

- Sodium Lauryl Sulfate (SLS)
- · Ammonium Lauryl Sulfate (ALS)
- Sodium Laurvl Ether Sulfate Also known as Sodium Laureth
- · Sulfate (SLES)
- · Ammonium Lauryl Ether Sulfate also known as Ammonium Laureth Sulfate (ALES)

While these four surfactants are the most popular other surfactants such as alpha olefin sulphonates, sulphosuccinates, taurates and sarcosinates and others can be found in shampoo formulations.

The function of the secondary surfactant in a shampoo system is to stabilize the foam, enhance viscosity and also mitigate the irritancy of the primary cleansing surfactant. Secondary surfactants are often nonionic and amphoteric. The mechanism used to thicken shampoo formulation depends largely on the type of surfactants

used. In shampoo systems where the primary surfactants are ALS, SLS or ALES and SLES viscosity enhancement is often achieved by using salts such as sodium chloride or ammonium chloride.

Opacity or pearlescence in a shampoo can enhance consumer appeal and can be provided by various materials. Most of which are waxy and crystalline in nature. The pearlescence obtained will depend on the size, shape distribution and reflectance of the opacifier crystals formed.

The use of conditioning agents in shampoo formulation is often a formulator challenge. Conditioning agents were not present in shampoo formulations until a decade or so ago. Most conditioning agents are cationic

and tend to complex with the anionic surfactants and form an insoluble compound. The industry recognizing the need for conditioning shampoos has developed specialized cationic polymers and amino-functional silicones that will coexist with anionic surfactants.

Performance additives are normally incorporated into shampoos that are designed to accomplish special functions. Examples of such products are medicated, anti-dandruff, and anti itch shampoos. Active agents such as coal tar, sulfur, salicylic acid, selenium sulfide and zinc pyrithione. Incorporating and suspending these agents requires providing suspending properties to the shampoo formulation. For pet shampoo applications medicated shampoos incorporate other agents that are designed to treat skin diseases.

Just like humans, skin is the dog's largest organ. Unlike humans however pets are subjected to a large number of skin disorders. In today's market, where natural ingredients are desired, many botanical extracts have been formulated that provide performance enhancement to modern shampoos. Such botanical additives are sometimes referred to as "green" ingredients.

Sequestering and chelating agents are incorporated into shampoo systems to combat the effects of hard water, which normally results in poorer foam quality and dull appearance of the hair after shampooing. This is caused by removal of oil and precipitation of insoluble calcium salts on the surface of the hair. These salts often deposit a layer of scum on the hair which results in a dull appearance. The sequestering agents complex (combine in coordinate bond) with any metal ions in

solution thereby removing their availability for precipitation on the hair.

Where does the oil come from?

Oil comes from sebaceous glands located beneath the surface of the skin. Sebaceous glands are located wherever there is hair on the dog. Just like humans, skin is the dog's largest organ.

The sebaceous glands appear as foamy lobes of epithelial cells that are attached to the mid-portion of the hair follicle through a short duct. Generally the sebum is secreted on the hair's shaft inside the follicles and is brought up to the surface of the skin along the hair shaft. Although these glands are attached to the hair follicles of every mammal, their function is controversial. Sebum lubricates and protects the hair and skin and prevents drying and irritation of membranes Sebum coats and possibly enhances the barrier function of the outer layers of the skin. Sebaceous secretions while coating the hair shafts produce the sheen which makes the coat of a healthy dog or cat attractive. Sebum has the ability to waterproof the skin as evidenced in ducks which utilize secretions of a modified sebaceous gland to coat their feathers and keep them dry in water. Some of the sebum's fats keep bacteria from growing and it has been speculated that sebum plays a role in preventing bacterial infections. Sebum however, may collect excessively as a result of infrequent bathing, a diet rich in fats, or accelerated glandular activity. Excessive secretions of sebum may be related to skin disorders.

If sebum offers so many benefits, why remove it? Along with its many benefits, sebum is inherently tacky, creating a magnet for loose skin, airborne particulate, soil, urine, food and other loose debris. In addition to appearance issues, bacteria that breed in the sebum are the root cause of "doggie" odor. Cleansing action of the shampoo reduces, emulsifies and generally washes away these undesirable items. Aware of the importance of sebum for healthy skin and hair, it is clear that replenishing the skin with organic and natural substitute oils is needed. Some of these ingredients are known as refatting agents since they restore some of the natural oils on the hair shaft.

"Put back" is what we expect and get from conditioners

One of the desired functions of shampooing is to improve wet and dry combing after bathing. In order to accomplish this, conditioning agents are



included in shampoo formulations. Improved brushability and combing offers a two-fold benefit. One, the easier the animal is to brush, the less time the groomer needs to spend with the pet. Secondly, the easier the brush or comb move through the coat, the less damage caused to the hair during grooming.

Hair strands have an inherently negative charge. They tend to repel one another, creating a "fly away" condition. Physics 101 tells us that like charges repel and unlike charges attract. Conditioner helps eliminate this condition by neutralizing the negative charge on the hair strands and adding needed oils and nutrient.

The following is a summary of the hair & coat condition issues to look, feel and smell for.

Dry coats are often worsened by over bathing and grooming. Dry, thin and over groomed hair is more susceptible to fly away. Unfortunately, nature works against a healthy coat. Healthy hair has a moisture range between 8-10%. Air, generally, has only 0.5-0.8% moisture. Since there is a large disparity between the moisture level of the ambient air and hair, moisture will tend to migrate out of the hair. It is necessary to infuse the hair with moisture retaining ingredients (humectants) that will impede the migration of moisture out of the hair. Moisture is and important element in a healthy coat since it maintains the volume, flexibility and manageability of the coat. Indoor air conditioning and forced dry heat exacerbate this differential. The lack of moisture, plus a lack of the waxy sebum which keeps moisture locked into the hair shaft, create the perfect conditions for dry, unsightly coat. Dry hair shows up as fly away strands and a dull coat.

There are a number of conditioning and finishing products that can remedy the dry condition. The first step is to rehydrate the coat by using water and humectant based formulas. A humectant is a hygroscopic substance. (Hygroscopy is the ability of a substance to attract water molecules from the surrounding environment through either absorption or adsorption).

In other words, water from the air -natural humidity -- is attracted to the coat and ends up inside the cortex of the hair shaft.

Greasy Coats

Greasy hair results from a build-up of the natural secretion of sebum. Sebum is not absorbed into the shaft. The touch and look of hair depends on the amount of waxy sebum present. The glands secrete the same amount of wax regardless of the length of the hair. Therefore, short hair with less surface area than long hair tends to be greasier. Infrequent shampooing will cause grease and debris to accumulate. Eventually, strands will begin to adhere to one another and form clumps. Such clumps, left unattended, join neighboring clumps to form "super clumps." Degreasers solve this problem. Dematting and detangling products may also be needed before the bath. Degreasing shampoos, while they clean well, they tend to quickly strip the coat of

sebum and other natural oils. For this reason, it is generally recommended to follow

a degreasing shampoo with a conditioner.

Strong odors

There are two primary sources of odor: biological excretions and odor causing bacteria. The former applies to urine. feces, and other such excretions. The later applies to bacteria that feed on organic matter breaking down the proteinacious material and generating mal odor in the process. This breakdown process generates odors more distinctive than excretions. With the exception of skunk spray, excretions are easier to remove. Different additives enable shampoo formulations to focus on excretions and bacteria.

The primary carriers that enable the adsorption process are physisorption and chemisorption. In physisorption, the attraction is so great, different, yet similar to the micelle cleansing action, that the cell walls are penetrated. With chemisorption an actual bonding, is made prior to being carried away. Antimicrobial additives are included in some formulations to the prevent the breakdown of proteinacious matter by bacteria that results in mal odor. These additives use an electro-chemical action to penetrate and disrupt cell walls of micro-organisms. The fragrance industry having faced many odor issues have developed, in the last few years, ingredients that tend to neutralize offensive odors. These ingredients while neutralizing mal odors are capable of supporting pleasant odors.

Not only do they leave the hair free of offensive odors they impart a pleasant fragrance to it. Odor removal, like suds or foaming, is separate from cleansing. Strong surfactants are not the key to odor removal. Oxidation and reduction agents are the major factors in removing odors. Antimicrobial additives include Triclosan and benzalkonium chloride.

Dull color is counteracted with special shampoos that feature optical whiteners or optical brighteners. White coats can be made brighter. Black coats can be made to appear darker and richer. Multicolor coats can also be enhanced and their color contrast improved.

Thin hair needs shampoo formulations with bodifying agents. Thin hair is often too soft to manage and stay in place. Bodifying ingredients add texture by leaving small deposits on the cuticle, allowing for added rigidity. Bodifying shampoos are formulated to give the coat the appearance of fullness. This can be accomplished in several ways. By infusing the hair shaft with water each hair shaft swells and appears wider and the multitude of hair gives fullness to the coat. Certain polymers are film-formers and deposit a film on the hair shaft. The film allows the hair to be spaced further apart to give an impression of fullness.

Colloidal Oatmeal Shampoo Therapy has been proven to have positive clinical outcomes on a number of skin conditions. Industry experts speculate that as much as 20% of dogs and cats have allergy induced skin problems. Skin diseases can be treated by diet and special use shampoos. Such shampoos have active ingredients that alleviate inflammation, calm, soothe (analgesic), and reduce microbial and fungal activity. These shampoo formulations are often referred to as "medicated" shampoos.

Chlorhexidine Gluconate, Miconazaole, and Benzoyl Peroxide are some of the active antimicrobials in medicated shampoos. Alternative, natural ingredients such as Melaleuca Alternifolia (Tea Tree Oil) is also an effective antiseptic and anti fungal ingredient. Other natural ingredients include Sulfur, Coal Tar, Oatmeal, Meadowsweet, and Comfrey, Salicylic acid, Lavender, Chamomile, Yucca, Aloe Vera, Vitamin E and host of other additives.

Professional pet groomers, working





predominantly with concentrated formulations need to first ensure the shampoo is being diluted to label instructions. Sulfur, is known to alleviate various conditions such as psoriasis and eczema. Zinc pyrithione has anti fungal and antibacterial properties that aid in the treatment of dry flaking skin (dandruff in human cosmetics).

Coal Tar is anti seborrheic anti dandruff agent. Coal tar will reduce the production of skin cells and treat skin disease and dandruff. Coal Tar for relief of flaking generally has a discernible odor that is objectionable to some groomer.

Oil of Wintergreen, a natural analgesic and anti-inflammatory is readily absorbed by the skin, and is very warm & soothing. Oil of Wintergreen is a naturally derived methyl salicylate. It is a substance that is related to Aspirin (Acetyl Salicylic Acid).

Chamomile is used in ear ointments and used to calm and relax. Popular designer herbal teas include Chamomile. Oatmeal is the most popular additive for soothing and healing of the coat with acknowledgement of its anti-itch properties.

An important topic deserved of additional reading relates to fleas. Many insecticidal ingredients used in shampoos have been banned by the EPA. Toxicity leads the list of concerns on products of this type. Primarily to due complex chemicals that may accumulate in the groomers body. Botanical ingredients, which the body can process in shorter order should be welcomed. Such botanical ingredients include Derus Root, Orange Oil, Cedar Wood oil & Oil of Wintergreen.

The cost of shampoo per groom.

While shampoo cost is quite high, the actual cost per bath is relatively low. One must pay attention to concentration ratios. For example, a single gallon 16:1 dilution shampoo will bath twice as many dogs as a product with a lower, 8:1 ratio. For example, if two shampoos were being considered, each with a price of \$40 per gallon, the cost per diluted gallon of the lower ratio 8:1 becomes twice as high as the 16:1. Specifically, the diluted 8:1 works out to \$5.00 per gallon, while the 16:1 ratio becomes only \$2.50 per gallon.

If one were to arbitrarily assign a nominal 12.8 ounces of diluted shampoo for a bath the cost of shampoo per that then would be 25 cents for the 16:1 and 50 cent for the lower concentrate 8:1 shampoo. It is clear that one of the smallest costs of the grooming process is the shampoo. For this reason, high quality

products that are suited to the pet's specific requirements should be specified on a case-by-case basis.

How spending more money reduces overall costs

With the understanding that the cost of shampoo per bath is measured in pennies, not dollars, it follows that conditioner, dematting and fast blow drying products, which are universally available from most manufacturers, add the same cost (about 15 to 30 cents) per groom.

A.L. Hunting (1985). Encyclopedia of Shampoo Ingredients. New Jersey: Micelle Press, Inc. Cosmetic Bench Reference, Allured Publishing Company, Abbott Park, IL 1998





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Paw Sanitizer - 80% alcohol

With 80% alcohol, it tackles the toughest germs/viruses. Much easier to apply than gel fine mist sprayer that applies evenly and absorbs quickly- dries faster. Glycerin will nourish your skin with a "clean" that's not drying! Each bottle yields about 500 sprays... recommend 2 sprays per use...that's 250 doses per bottle!

7.05 (SANH2L1)

Size / Quantity	Price /Each	Price / Quantity
2 oz/1	\$4.95	\$4.95 / 1
2 oz/5	\$4.50	\$22.50 / 5
2 oz/12	\$4.00	\$48.00 / 12
2 oz/24	\$3.75	\$90.00 / 24
2 oz/2400	\$3.41	\$7,741.00/2400

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Pallet	Layers 20/Lay	Total Layers	Total Pieces	Case 12	Per 16 oz. Bottle
Full	4	80	1200	\$35.88	\$2.99
1/2	2	40	600	\$47.88	\$3.99
1/4	1	20	300	\$51.00	\$4.25
0	0	1	12	\$59.88	\$4.99

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Blueberry Cologne

Fresh blueberry fragrance is popular for the holidays and appropriate for year round use. (Shampoo available) (3.10 CNBLU) SPRING/SUMMER

Filthy Beast® Cologne

Citrus fragrance will last on the animal and in your shop. (Shampoo available) (3.28 CNFB) We have a matching Shampoo and Conditioner. SPRING/SUMMER

Gingerbread Cologne

Christmas favorite! Freshly baked Gingerbread fragrance has become popular for the holidays. (Shampoo available) (3.29 CNG) HOLIDAY

Holly Berry Cologne

Our newest creation, Holly Berry brings wisps of a warm apple pie with a touch of cinnamon and spices. (Shampoo & Conditioner available) (3.02 CNHB HOLIDAY

Honey Lavender Cologne

Another popular fragrance, a sweet floral scent with notes of spice that dries out to the bold scent of jasmine and cinnamon. (Shampoo available) (3.04 CNH) SPRING

\$\$ Pet Cologne Prices \$\$

ΨΨ	or oologii	0 1 11000	ΨΨ
Size	Packing	Each MSRP*	Tiered Price: Wholesale Clip Levels
2 oz	2 Dozen / Case	\$6.95	1-11pc: \$4.95, 12-23pc: \$3.50 24-47pc: \$3.25, 48-99pc: \$3.00 100+pc: \$2.75
Size	Packing	Each MSRP*	Tiered Price: Wholesale Clip Levels
4 oz	1 Dozen / Case	\$9.95	1-11pc: \$7.95, 12-23pc: \$5.95 24-47pc: \$4.95, 48-99pc: \$3.95 100+pc: \$3.75
Size	Packing	Each MSRP*	Tiered Price: Wholesale Clip Levels
16 oz	1 Dozen / Case	\$19.95	1-11: \$16.95, 12-23:\$15.95, 24-47: \$14.95 48-71: \$13.95, 72-95: \$12.95 120+: \$9.95

Size	Packing	Each W/R*	Case Price
Gallon	4 Gallons / Case	\$69.95 / \$109.95	\$279.80

*W= Wholesale, *R= Retail, *MSRP (manufacturers suggested retail price)

Lemongrass Cologne

Fresh and rejuvenating lemongrass scented fragrance. (Shampoo available) (3.27 CNLG SPRING/SUMMER

Onyx Cologne

A green pine note, that dries out to delightful spicy, woody-earthy undertones. Male gender. (3.06 CNO) From the Precious Gems Collection.

Pearl Cologne

A clear distinctive floral fragrance reflecting the scents of blooms of Lilly of the valley, Hyacinths and Freesia. (Shampoo & Conditioner available.)(3.08 CNP)

Powder Soft Cologne

Powder Soft is a light gentle fragrance with fresh baby-powder scent. (Shampoo & Conditioner available) (3.07 CNPS) SPRING/SUMMER

Puppermint Cologne

Cooling and soothing fresh mint fragrance. Neutralizes heavy offensive odors such as cigarette smoke and anal gland. (Shampoo available) (3.18 CNPM) HOLIDAY

Silky Almond Cologne

One of our top sellers, Silky Almond has a naturally smooth scent of cherry almond. (Shampoo & Conditioner available) (3.03 CNSA FALL

Strawberry Kisses Cologne

Amazing strawberry fragrance alleviates any dirty dog. (Shampoo available) (3.24 CNSK SPRING/SUMMER

Sugar Plum Cologne

Earthy plum and freshly peeled fruit fragrance will fill your shop. (Shampoo, Conditioner & Facial Scrub available) (3.26 CNSP) SPRING

Tropical Jubilee Cologne

Refreshing Peach - Coconut blend with a soft top note of Citrus. (Shampoo available) (3.25 CNTJ) SPRING

Vanilla Mist Cologne

A very popular scent, our Vanilla Mist delivers a light gentle fragrance with a sweet vanilla bean scent. It contains real vanilla bean oil. (Shampoo available)
(3.01 CNV)

