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## SAFETY DATA SHEET

<b>SECTION 1</b>	<b>PRODUCT AND COMPANY IDENTIFICATION</b>
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**COMPANY NAME:** Ryan's Pet Supplies  
1805 East McDowell Road  
Phoenix, AZ 85006 USA

**24 Hour Health Emergency**

**In case of medical emergencies, please contact your local  
poison control center.**

**Transportation emergency (24 hour), contact:**  
800-255-3924

**For Information:** 602-255-0900

**PRODUCT**

**Product Name:** Tru Craft Rosmarinus Deshedding Shampoo

**Intended Use:** Pet Shampoo

<b>SECTION 2</b>	<b>HAZARDS IDENTIFICATION</b>
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This material is not considered to be hazardous according to regulatory guidelines (see (M)SDS Section 15).

**POTENTIAL PHYSICAL / CHEMICAL EFFECTS**

Spilled product in large volumes present a slipping hazard on hard surfaces.

**POTENTIAL HEALTH EFFECTS**

Low order of toxicity. No adverse effects due to inhalation are expected.

**NFPA Hazard ID:** Health: 1                      Flammability: 1                      Reactivity: 1

**HMIS Hazard ID:** Health: 1                      Flammability: 1                      Reactivity: 1

<b>SECTION 3</b>	<b>COMPOSITION / INFORMATION ON INGREDIENTS</b>
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**Reportable Hazardous Substance(s) or Complex Substance(s)**

Name	CAS#	Concentration*
Water/Aqua	7732-18-5	Proprietary
Potassium Cocoate	61789-30-8	Proprietary
Sodium Alpha Olefin Sulfonate	68439-57-6	Proprietary
Cocamidopropyl Hydroxysultaine	68139-30-0	Proprietary
Cocamide Mipa	68333-82-4	Proprietary
Glycerin	56-81-5	Proprietary
Sodium Chloride	7647-14-5	Proprietary
Cocomidopropyl Betaine	61789-40-0	Proprietary
Lauryl Glucoside	110615-47-9	Proprietary
5-Chloro-2-Methyl-4Isothiazolin-3-One	26172-55-4	Proprietary
2-Methyl-4-Isouthiazolin-3-One	2682-20-4	Proprietary
Magnesium Chloride	7786-30-3	Proprietary
Magnesium Nitrate	10377-60-3	Proprietary
Aloe Barbadensis Leaf Juice	94349-62-9	Proprietary
Panthenol	16485-10-2	Proprietary
Sorbitan Oleate Decylglucoside Crosspolymer	1443994-56-6	Proprietary
Rosmarinus Officinalis Leaf Oil	8604-14-8 /8000-25-7	Proprietary
Cocomidopropyl Betaine	Cocomidopropyl Betaine	Proprietary

\* All concentrations are percent by weight.

<b>SECTION 4</b>	<b>FIRST AID MEASURES</b>
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**INHALATION**

In case of adverse exposure to vapors formed at elevated temperatures, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest.

**SKIN CONTACT**

Wash contact areas with soap and water. For hot product: Immediately immerse in or flush affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention.

**EYE CONTACT**

Flush thoroughly with water. If irritation occurs, get medical assistance.

**INGESTION**

First aid is normally not required. Seek medical attention if discomfort occurs. No adverse effects due to ingestion are expected.

## SECTION 5

## FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA

**Appropriate Extinguishing Media:** Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

### FIRE FIGHTING

**Fire Fighting Instructions:** Assure an extended cooling down period to prevent re-ignition. Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

**Hazardous Combustion Products:** Smoke, fumes, incomplete combustion products, oxides of carbon, formaldehyde, flammable hydrocarbons

### FLAMMABILITY PROPERTIES

**Flash Point [Method]:** N/A

**Flammable Limits (Approximate volume % in air):** LEL: N/D UEL: N/D

**Auto ignition Temperature:** N/A

## SECTION 6

## ACCIDENTAL RELEASE MEASURES

### NOTIFICATION PROCEDURES

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. US regulations require reporting releases of this material to the environment which exceed the applicable reportable quantity or oil spills which could reach any waterway including intermittent dry creeks. The National Response Center can be reached at (800) 424-8802.

### PROTECTIVE MEASURES

See Section 5 for firefighting information. See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice. See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.

### SPILL MANAGEMENT

**Land Spill:** Spilled product in large quantities present a slipping hazard on hard surfaces.

**Water Spill:** Stop leak if you can do it without risk. Confine the spill immediately with booms. Warn other shipping.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

### ENVIRONMENTAL PRECAUTIONS

Prevent entry into waterways, sewers, basements or confined areas.

**SECTION 7 HANDLING AND STORAGE**

**HANDLING**

Put sorbent pig barrier, use sorbent on spill, remove. This product is biodegradable.

Avoid vapors from heated materials to prevent exposure to potentially irritating fumes. Provide adequate ventilation if fumes or vapors are generated. Prevent small spills and leakage to avoid slip hazard. Care should be taken when storing and handling this product. Apart from the specific nature of the polymer product, conditions such as humidity, sunlight, and temperature have an influence on the way the product behaves during storage and handling.

**Loading/Unloading Temperature:** [Ambient]

**Transport Temperature:** [Ambient]

**Transport Pressure:** [Ambient]

**Static Accumulator:** This material is not a static accumulator.

**STORAGE**

Store in a cool, dry place. Do not store in open or unlabeled containers.

**Storage Temperature:** [Ambient]

**Storage Pressure:** [Ambient]

**Suitable Containers/Packing:** Boxes

**Suitable Materials and Coatings (Chemical Compatibility):** Polyethylene

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EXPOSURE LIMIT VALUES**

**Exposure limits/standards (Note: Exposure limits are not additive)**

Source	Form	Limit / Standard	NOTE	Source
N/D				

**Exposure limits/standards for materials that can be formed when handling this product:** For dusty conditions, OSHA recommends for particulates not otherwise regulated an 8-hour TWA of 15 mg/m3 (total dust), 5 mg/m3 (respirable fraction); ACGIH recommends for insoluble and poorly soluble particles not otherwise specified an 8-hour TWA of 10 mg/m3 (inhalable particles), 3 mg/m3 (respirable particles).

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

**ENGINEERING CONTROLS**

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Control measures to consider:

Adequate ventilation should be provided so that exposure limits are not exceeded. SPECIAL

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PRECAUTIONS: Processors of this product should assure that adequate ventilation or other controls are used to control exposure.

## PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

**Respiratory Protection:** No special requirements under ordinary conditions of use and with adequate ventilation.

**Hand Protection:** Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves.

**Eye Protection:** If contact is likely, safety glasses with side shields are recommended.

**Skin and Body Protection:** Any specific clothing information provided is based on published literature or manufacturer data.

**Specific Hygiene Measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

## ENVIRONMENTAL CONTROLS

See Sections 6, 7, 12, 13.

<b>SECTION 9</b>
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<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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Typical physical and chemical properties are given below. Consult the Supplier in Section 1 for additional data.

## GENERAL INFORMATION

**Physical State:** LIQUID

**Form:** LIQUID

**Color:** CHARACTERISTIC

**Odor:** N/A

**Odor Threshold:** CHARACTERISTIC

## IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

**Relative Density (at 25°C):** 0.95 +/- 1.05

**Density:** N/A

**Flash Point [Method]:** N/A

**Flammable Limits (Approximate volume % in air):** LEL: N/D UEL: N/D

**Autoignition Temperature:** N/A

**Boiling Point / Range:** 212F  
**Vapor Density (Air = 1):** N/A  
**Vapor Pressure:** N/A  
**Evaporation Rate (n-butyl acetate = 1):** N/A  
**pH @ 25°C:** 5.5 – 6.8  
**Log Pow (n-Octanol/Water Partition Coefficient):** N/A  
**Solubility in Water:** COMPLETELY SOLUBLE  
**Viscosity:** N/A  
**Oxidizing Properties:** N/D

**OTHER INFORMATION**

**Freezing Point:** N/D  
**Melting Point:** N/A  
**Hygroscopic:** NO  
**DMSO Extract (mineral oil only), IP-346:** N/A

**SECTION 10 STABILITY AND REACTIVITY**

**STABILITY:** Material is stable under normal conditions.

**CONDITIONS TO AVOID:** Avoid elevated temperatures for prolonged periods of time

**MATERIALS TO AVOID:** N/A

**HAZARDOUS DECOMPOSITION PRODUCTS:** N/D

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION 11 TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY**

<u>Route of Exposure</u>	<u>Conclusion / Remarks</u>
<b>Inhalation</b>	
Toxicity: Data available.	Not Toxic. Based on data for ingredients.
Irritation: Data available.	Negligible hazard at ambient/normal handling temperatures. Based on data for ingredients.
<b>Ingestion</b>	
Toxicity: Data available.	Not Toxic. Based on data for ingredients.
<b>Skin</b>	
Toxicity: Data available.	Not Toxic. Based on data for ingredients.
Irritation: Data available.	Negligible irritation to skin at ambient temperatures. Based on data for ingredients.
<b>Eye</b>	
Irritation: Data available.	May cause mild, short-lasting discomfort to eyes. Based on data for ingredients.

**CHRONIC/OTHER EFFECTS**

**For the product itself:**

Elevated temperatures or mechanical action of large volumes may form vapors, mists or fumes which may be irritating to the eyes and respiratory tract.

Additional information is available by request.

The following ingredients are cited on the lists below:

Chemical Name	CAS Number	List Citations
N/A		

**SECTION 12 ECOLOGICAL INFORMATION**

The information given is based on data available for the material, the components of the material, and similar materials.

**ECOTOXICITY**

Material -- Not expected to be harmful to aquatic organisms.

**MOBILITY**

Material – Completely soluble in water.

**PERSISTENCE AND DEGRADABILITY**

**Biodegradation:**

Material – Not expected to be persistent.

**SECTION 13 DISPOSAL CONSIDERATIONS**

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

**DISPOSAL RECOMMENDATIONS**

Suitable routes of disposal are supervised incineration, preferentially with energy recovery, or appropriate recycling methods in accordance with applicable regulations and material characteristics at the time of disposal.

**REGULATORY DISPOSAL INFORMATION**

RCRA Information: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). This product is easily broken down by standard water treatment processes.

**SECTION 14**

**TRANSPORT INFORMATION**

**LAND (DOT):** Not Regulated for Land Transport

**LAND (TDG):** Not Regulated for Land Transport

**SEA (IMDG):** Not Regulated for Sea Transport according to IMDG-Code

**AIR (IATA):** Not Regulated for Air Transport

**SECTION 15**

**REGULATORY INFORMATION**

EU DPD (Dangerous Products Directive) Classification (DPD 88/379/EEC). Regulated as a Cosmetic and/or Drug under FDA (US), HPB (Canada), Cosmetic Directive (EU), MHW (Japan) and MOH (China). While the finished product(s) is not considered hazardous as defined in 29 CFR 1910.1200 (d), this SDS contains valuable information critical to the safe handling and proper use of the product.

**US Federal**

The product described in this Material Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable).

**CERCLA reportable quantity (RQ):** None.

**SARA 313/302/304/311/312 chemicals:** None.

**Canada**

All ingredients are CEPA approved for import to Canada. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and this SDS contains all information required by the CPR.

**US States**

**CA Prop 65:**

This product is not subject to warning labeling under California Proposition 65.

**The following ingredients are cited on the lists below:**

Chemical Name	CAS Number	List Citations
N/A		

**Other**

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

**SECTION 16**

**OTHER INFORMATION**

N/D = Not determined, N/A = Not applicable

**DISCLAIMER:** The information and recommendations contained herein are, to the best of Susan Raffy Consulting, Inc. and/or SRC LABS, Inc. knowledge and belief, accurate and reliable as of the date issued. You can contact Susan Raffy Consulting, Inc./SRC Labs, Inc., to ensure that this document is the most current revision. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use.