

6737

## Safety Data Sheet

C32838

Ring Out Shampoo

MSDS No. 003

Date of Preparation: February 8, 2016

revision 2

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** Ring Out Shampoo— Ringworm & Fungus Control Shampoo  
**Chemical Formula:** N/A  
**Other Designations:** None  
**General Use:** Reduction of Pathogens/General Purpose Antimicrobial Shampoo  
**Manufacturer:** FlexTran, Inc., 215 S 2<sup>nd</sup> St., Suite 1B, Branson, MO 65616  
**Telephone Number:** 417-334-3325  
**Distributor:** FlexTran, Inc., 215 S. 2<sup>nd</sup> St, Suite 1B, Branson, MO 65616  
**EPA Registration:** N/A  
**Emergency Phone:** 417-334-3325, 813-205-2890

HMIS	
H	1
F	0
P	0
PPE†	
†Sec. 8	

## Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number		% wt				
Phosphoric Acid	Proprietary		< 2				
Hydrochloric Acid	Proprietary		< 1				
Citric Acid	Proprietary		< 2				
Detergent of Anionic/Nonionic/Amphoteric Blend	Proprietary		< 20				
Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA (8-hr)	STEL (15-min)	TWA (8-hr)	STEL (15-min)	TWA (10-hr)	STEL (15-min)	
Phosphoric Acid	1 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	N/A	N/A
Hydrochloric Acid	7 mg/m <sup>3</sup>	N/A	7.5 mg/m <sup>3</sup>	N/A	7 mg/m <sup>3</sup>	N/A	100 ppm
Citric Acid	15 mg/m <sup>3</sup> (particulates)	N/A	10 mg/m <sup>3</sup> (particulates)	N/A	N/A	N/A	N/A
Detergent Blend & Water							

## Section 3 - Physical and Chemical Properties

**Physical State:** Liquid  
**Appearance and Odor:** Clear and odorless.  
**Vapor Pressure:** 17.1 mm Hg at 20 °C  
**Vapor Density (Air=1):** 1.2  
**Specific Gravity (H<sub>2</sub>O=1):** 1-1.12  
**Volatile Organic Compounds:**  
 Lbs/Gal: < 0.1  
 Grams/Liter: < 10

**Water Solubility:** Completely at 25 °C  
**pH @ 20°C:** 2-2.2 (approximate)  
**Boiling Point:** >240 °F or >116 °C  
**Freezing Point:** N/A  
**Percent Volatile:** 96.8  
**Evaporation Rate (nBuAc=1):** < 1  
**Autoignition Temperature:** N/A  
**Magnetism (milligauss):** N/A

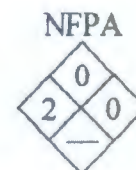
## Section 4 - Fire-Fighting Measures

**Flash Point:** > 200 °F  
**Burning Rate:** N/A  
**Lower Explosion Limit (v/v):** N/A  
**Flammability Classification:**  
**Extinguishing Media:**  
**Unusual Fire or Explosion Hazards:**

**Flash Point Method:** Tag Closed Cup  
**Autoignition Temperature:** N/A  
**Upper Explosion Limit (v/v):** N/A  
 Non-Flammable  
 Use water spray, fog, foam, dry chemical, or carbon dioxide for surrounding fire.  
 Extreme heat or contact with common metals may liberate hydrogen gas, a flammable gas that readily forms explosive mixtures with air.

**Hazardous Combustion Products:** In extremely rare cases, thermal oxidative decomposition can produce toxic chloride and phosphorous oxide (PO<sub>x</sub>) fumes.

**Fire-Fighting Instructions:** None  
**Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.



## Section 5 - Stability and Reactivity

**Stability:** Stable at room temperature in closed containers under normal storage conditions.  
**Polymerization:** Hazardous polymerization may occur if exposed to aldehydes, epoxides and azo compounds.

<b>Chemical Incompatibilities:</b>	Avoid contact with aldehydes, amines, amides, ammonia, alcohols, azo-compounds, carbamates, chlorine-containing compounds, esters, caustics, phenolics, ketones, epoxides, organic peroxides, sulfides, potassium permanganate, fluorine, carbides, acetate, nickel carbonate, aluminum, magnesium, zinc, galvanized steel, carbon steel
<b>Conditions to Avoid:</b>	Avoid contact with incompatibles.
<b>Hazardous Decomposition Products:</b>	Toxic chloride fumes and phosphorous oxide (PO <sub>x</sub> ) fumes.

### Section 6 - Health Hazard Information

#### Potential Health Effects

<b>Primary Entry Routes:</b>	Ingestion, inhalation, eyes, skin contact.
<b>Target Organs:</b>	Skin, eyes and respiratory tract.
<b>Acute Effects</b>	None reported.
<b>Carcinogenicity:</b>	None of the ingredients in Ring Out Shampoo are listed as a carcinogen by the IARC, NTP, and OSHA.
<b>Medical Conditions Aggravated by Long-Term Exposure:</b>	None reported.
<b>Chronic Effects:</b>	None reported.

### Emergency and First Aid Procedures

**Inhalation:** Remove exposed person to fresh air and support breathing as needed.  
**Eye Contact:** As a general rule, flush immediately, including under eyelids, with copious amounts of water for at least 15 min.  
**Ingestion:** If alert give several glasses of water or milk. Do not induce vomiting. Contact poison control center or physician.

### Section 7 - Spill, Leak, and Disposal Procedures

**Spill /Leak Procedures:** Notify safety personnel. Neutralize spills with soda ash or lime. Follow OSHA regulations (29 CFR 1910.120)  
**Small Spills:** Absorb with sand or vermiculite. Sweep and collect in ordinary container and dispose. Rinse area with water.  
**Large Spills:** Shovel or sweep into large containers for disposal. Rinse area with water.  
**Disposal:** Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.  
**Disposal Regulatory Requirements:** Send to a permitted waste management facility.  
**Container Cleaning and Disposal:** N/A (Containers can be reused after rinsing with water.)  
**OSHA Regulations:** Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Listed for phosphoric acid and hydrochloric acid.  
**EPA Regulations:**  
 RCRA Hazardous Waste Number (40 CFR 261.23): Listed, D002, Hydrochloric Acid, Corrosive.  
 CERCLA Hazardous Waste Classification (40 CFR 302.4): Listed, Hydrochloric Acid and Phosphoric Acid  
 CERCLA Reportable Quantity (RQ): 5000 lb

### Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:** None  
**Ventilation:** Provide general or local explosion-proof exhaust ventilation to get airborne concentration below OSHA PELs.  
**Administrative Controls:** None  
**Respiratory Protection:** Not required under normal conditions. If necessary, follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.  
**Protective Clothing/Equipment:** For those with sensitive skin, wear protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.  
**Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.  
**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse.

### Section 9 - Special Precautions and Comments

**Handling Precautions:** None  
**Storage Requirements:** Store in a cool, dry, well-ventilated area away from heat, ignition sources, and incompatibles (Sec. 5).  
**Comments:** Practice good personal hygiene after using this material.

### Section 10 – Transportation Information

<b>DOT Classification (49 CFR 173):</b>	Not Regulated
<b>Special DOT Transportation Requirements (49 CFR 172):</b>	None
<b>Prepared By:</b> Barry Ward	<b>Revision Notes:</b> N/A

**Disclaimer:** Although reasonable care has been taken in obtaining accurate information during the preparation of this Material Safety Data Sheet, FlexTran, Inc. extends no warranties, express or implied, makes no representations, and assumes no responsibility as to the accuracy or suitability of such information as it applies to the purchaser's intended purpose or for consequences of its use.