



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	3219101	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	RING AWAY	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Rim Cages with Deodorizer Bar & Blue Cleaner	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

CLASSIFICATION: Not classified under any hazard class.	SIGNAL WORD: Not applicable.	SYMBOL: None.		
LABEL ELEMENTS: Not applicable.				

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight	Other Identifiers
Alcohols, C12-18, ethoxylated	68213-23-0	45-55	
Sodium sulfate	7757-82-6	25-35	
Fatty acids, tallow, sodium salts	8052-48-0	10-15	
Fragrance	Trade Secret	2-4	
Precipitated silica	112926-00-8	1-1.5	

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: May cause eye irritation. Causes redness and pain.

SKIN: Rinse with lukewarm, gently flowing water for 5 minutes. If skin irritation occurs, get medical advice or attention.

INHALATION:
May be harmful if inhaled. Material may be irritating to mucus membranes and upper respiratory tract.

INGESTION:
May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May be harmful if swallowed.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:
If on skin: May cause mild irritation.
If in eyes: May cause mild irritation.
If swallowed: Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

5. Fire-Fighting Measures

SUITABLE EXTINGUISHING MEDIA:
Not combustible. Use extinguishing agent suitable for surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA:
None known.

SPECIFIC HAZARDS ARISING FROM THE PRODUCT:
Does not burn.
This product presents no unusual hazards in a fire situation.
Not known to generate any hazardous decomposition products in a fire.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:
No special precautions are necessary.

6. Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:
No special precautions are necessary.

ENVIRONMENTAL PRECAUTIONS:
It is good practice to prevent releases into the environment.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:
Avoid generating dust. Spills/leaks: Vacuum or sweep up material and place into a suitable disposal container.

7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING:
Do not get in eyes, on skin or on clothing. Avoid generating dusts.

CONDITIONS FOR SAFE STORAGE:
Store in an area that is: temperature-controlled, dry.

8. Exposure Controls / Personal Protection

CONTROL PARAMETERS:

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8 hr. TWA	TWA
Fragrance	3 mg/m3		5 mg/m3			

ACGIH® = American Conference of Governmental Industrial Hygienists. TWA = Time-Weighted Average. OSHA = US Occupational Safety and Health Administration

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection: Not required, if used as directed.

Respiratory Protection: Not normally required if product is used as directed.

APPROPRIATE ENGINEERING CONTROLS:

The hazard potential of this product is relatively low. General ventilation is usually adequate.

9. Physical & Chemical Properties

Particle Size:	Not available.	Upper/Lower Flammability or Explosive Limit:	Not applicable (upper); Not applicable (lower)
Physical State:	Solid.	Evaporation Rate:	Not applicable.
Odor:	Fragrant (Fragrance)	Auto-Ignition Temperature:	Not available.
Odor Threshold:	Not available.	Decomposition Temperature:	Not available.
pH:	~ 8.85 (10% solution)	Partition Coefficient, n-Octanol/Water (Log Kow):	Not available.
Melting/Freezing Point:	Not available (melting); Not available (freezing)	Solubility:	Not available in water; Not available (in other liquids)
Initial Boiling Point/Range:	Not available.	Vapor Density (air=1):	Not available.
Viscosity:	Not applicable (kinematic)	Vapor Pressure:	Not available.
Flash Point:	Not applicable.	Relative Density (water=1):	~ 1.47 at 20°C
Molecular Formula:	Not applicable.	Vapor Pressure at 50°C:	Not available.
Molecular Weight:	Not applicable.	Saturated Vapor Concentration:	Not available.
Bulk Density:	Not available.	Critical Temperature:	Not available.
Surface Tension:	Not applicable.	Electrical Conductivity:	Not available.

10. Stability & Reactivity Information

REACTIVITY:

Avoid strong oxidizing agents and strong acids

CHEMICAL STABILITY:

Normally stable.

POSSIBILITY OF HAZARDOUS REACTIONS:

None expected under normal conditions of storage and use.

INCOMPATIBLE MATERIALS:

None known.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of sulfur, sodium oxide.

11. Toxicological Information

LIKELY ROUTES OF EXPOSURE:

Skin contact; eye contact; ingestion.

ACUTE TOXICITY:

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Alcohols, C12-18, ethoxylated		5989 mg/kg (mouse)	
Fragrance		> 10000 mg/kg (rat)	> 5000 mg/kg (rabbit)
Sodium sulfate		> 2000 mg/kg (mouse)	

LC50: Not applicable.

LD50 (oral): Not applicable.

LD50 (dermal): Not applicable.

SKIN CORROSION/IRRITATION:

There is limited evidence of mild irritation.

May cause mild irritation.

SERIOUS EYE DAMAGE/IRRITATION:

There is limited evidence of mild irritation.

May cause mild irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure:

Inhalation: No information was located.

Skin Absorption: No information was located.

Ingestion: No information was located.

Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

STOT (Specific Target Organ Toxicity) - Repeated Exposure:

None known.

RESPIRATORY AND/OR SKIN SENSITIZATION:

No information was located.

CARCINOGENICITY:

Not a carcinogen.
No information was located.

REPRODUCTIVE TOXICITY:

Development of Offspring
No information was located.
No information was located.

Sexual Function and Fertility
No information was located.
No information was located.

GERM CELL MUTAGENICITY:

No information was located.
No information was located.

INTERACTIVE EFFECTS:

No information was located.

12. Ecological Information

Environmental: Sodium sulfate may persist indefinitely in the environment, but is not likely to show bioaccumulation or food chain contamination effects.

13. Disposal Consideration**DISPOSAL METHODS:**

The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user.

14. Transportation Information

Not regulated under Canadian TDG Regulations.
Not regulated under US DOT Regulations.

SPECIAL PRECAUTIONS:

Not applicable.

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable.

15. Regulatory Information**SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS:****Canada****WHMIS 1988 Classification**

Class D2B

D2B - Toxic (Eye irritant)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL or are not required to be listed.

CEPA - National Pollutant Release Inventory (NPRI)

Part 1A. (Poly(oxy-1,2-ethanediyl)-, alpha-(4-nonylphenyl)-omega-hydroxy-, branched)

USA**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720

16. Other Information**DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.