

Effective date: 2/17/2004 rv 2ib

Section 1 – Chemical Product and Company Identification

Product Name: RAGGTOPP FABRIC PROTECTANT with UV Protection

Form: Aerosol

Part No.: A00164ib

Manufactured for:

Wolfsteins Pro-Series Phone: 800-377-4700/770-395-0020
Cousins Resources International, Inc. **DOT Emergency: (800) 255-3924**
310 Quiet Water Lane
Atlanta, GA 30350

HMIS Ratings: Health: 2 Fire: 3 Reactivity: 0 Pers. Protect: B

NFPA Ratings: Health: 2 Fire: 3 Reactivity: 0 Special: None

Hazard Scale: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe

Section 2 – Composition/Information on Ingredients

CAS #	Component	Percentage	ACGIH	OSHA
Isobutane/Propane blend	75-28-5 & 74-98-6	15-20%	800 ppm	1000 ppm
Paraffinic, Naphthenic Solvent Distillates	68551-19-9 / 64742-47-8	35-40%	Not Est.	Not Est.
Petroleum Distillate	64742-89-8	25-30%	300 ppm	300 ppm
Heptane	142-82-5	5-10%	400 ppm	400 ppm
Ethyl Alcohol	64-17-5	1-5%	1000 ppm	1000 ppm

Section 3 – Hazards Identification

Emergency Overview

DANGER EXTREMELY FLAMMABLE. Harmful or Fatal if swallowed. Contents under pressure.

Potential Health Effects

Eyes: Irritation, burning, contact dermatitis. Temporary corneal injury.

Skin: Irritation, mild defatting of skin.

Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea, fatigue, convulsions.

Medical Conditions Aggravated: Exposure may aggravate pre-existing skin, eye and respiratory disorders.

Section 4 – First Aid Measures

Eyes: Flush eyes thoroughly with water for at least 15 minutes. If irritation persists, seek medical attention.

Skin: For skin contact, flush with large amounts of water. Remove contaminated clothing. If irritation persists, get medical attention.

Ingestion: DO NOT INDUCE VOMITING. Get immediate medical attention.

Inhalation: If mist or vapor of this product is inhaled, remove person immediately to fresh air. Resuscitate if necessary. Administer oxygen if breathing is difficult. Seek medical attention if symptoms develop or persist.

Note to Physician: None Available

Section 5 – Fire Fighting Measures

Flash Point: N/A	Method Used: N/A
Upper Flammable Limits: N/E	Lower Flammable Limits: N/E
Auto Ignition: N/E	Flammability Classification: EXTREMELY FLAMMABLE per USA FLAME PROJECTION TEST
Rate of Burning: N/E	

N/E: Not Established

General Fire Hazards: Do not expose aerosols to temperatures above 120 deg F or the container may rupture. Vapors are heavier than air and may accumulate in low or inadequately ventilated areas. Vapors may travel along the ground to be ignited at locations distant from handling site. Flashback or flame to the handling site may occur.

Hazardous Combustion Products: Oxides of carbon and trace amounts fluorine.

Extinguishing Media: Foam, dry chemical, carbon dioxide.

Fire Fighting Equipment/Instructions: Emergency equipment including self-contained breathing apparatus (SCBA).

Section 6- Accidental Release Measures

Containment Procedures: In event of a spill or leak, confine and contain small spills using inert materials (e.g. paper towels, spill control pillows, absorbent materials). In the event of a large spill, contain by diking with dry sand, sorbent booms, or other sorbent material. Prevent runoff into sewers, storm drains, surface waters and soil.

Clean-Up Procedures: Wear appropriate protective equipment and clothing during clean-up. Absorb spill with inert material. Dispose of all materials in accordance with applicable regulations on waste disposal. In addition, comply with all applicable regulations on spill reporting.

Evacuation Procedures: None identified.

Section 7 – Handling and Storage

Handling Procedures: Do not puncture or incinerate containers.

Storage Procedures: Do not store at temperatures above 120 deg F.

Section 8 – Exposure Controls/Personal Protection

Exposure Guidelines: Exposure limits exist for this product's ingredients and can be found in Section 2.

Engineering Controls: Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapor or mist generated from the use of this product.

PERSONAL PROTECTIVE EQUIPMENT

Eyes/Face: Chemical goggles recommended. Insure compliance with OSHA's personal protective equipment standard (29CFR1910.132 and 133) for eye and face protection.

Skin: Neoprene, nitrile or Viton if repeated contact possible.

Respiratory: If vapor concentration exceeds TLV, use respirator approved by NIOSH/MSHA for organic vapor.

Section 9 – Physical & Chemical Properties

Appearance:	Clear	Odor:	Distillate/Alcohol
Physical State:	Pressurized aerosol	pH:	Not Applicable
Vapor Pressure:	25 – 50 max. (PSIG@70°F - aerosols)	Vapor Density:	N/E
Boiling Point:	N/E	Melting Point:	N/E
Solubility (H2O):	Insoluble	Specific Gravity:	0.772 (for concentrate only)

Section 10 – Chemical Stability & Reactivity Information

Chemical Stability: This is a stable material.

Chemical Stability: Conditions to Avoid: Open flame, welding arcs, heat, sparks.

Incompatibility: Strong oxidizers & alkalis.

Hazardous Decomposition: Oxides of carbon and trace amounts fluorine.

Hazardous Polymerization: Will not occur.

Section 11 – Toxicological Information

Acute and Chronic Toxicity

A. General product Information: No data available for the product; data for individual chemicals are described in Section 2 & 3.

B. Component Analysis – LD50/LC50: No LD50/LC50's are available for this product's components.

Carcinogenicity

A. General Product Information: No data is available for this product for the following categories: Epidemiology, Neurotoxicity, Mutagenicity and Teratogenicity. Component Carcinogenicity: None of this product's components are listed by IARC, OSHA, or NTP.

Section 12 – Ecological Information: Ecotoxicity

A. General Product Information: No data available for this product.

B. Component Analysis – Ecotoxicity: No data available for this product's components.

Section 13 – Disposal Considerations

US EPA Waste Number & Descriptions: D001. Dispose of waste material according to Local, State, federal and Provincial Environmental Regulations.

Section 14 – Transportation Information

USDOT Proper Shipping Name: Consumer Commodity ORM-D

Section 15 – Regulatory Information

US Federal Regulations: This product does not contain SARA Title 3 components, SARA section 302, SARA section 313 or CERCLA.

CAA 112(r)TQ: (Clean Air Act): Propane – 10,000 lbs, Isobutane – 10,000 lbs

State Regulations

A. General Product Information: No information available

B. Component Analysis – State: Info not readily available.

Other Regulations

A. General Product Information: No data available

B. Component Analysis – Inventory – All components comply with TSCA inventory requirements

C. Component Analysis – WHMIS IDL: This product contains chemicals listed on the WHMIS IDL.

Section 16 – Other Information

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.