H102954

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health-1; Flammability-1; Reactivity-0; Special- -	**HMIS Rating:** Health-1; Flammability-1; Reactivity-0; Personal Protection-B
Manufactured For: Hillyard Industries, Inc. Address: 302 N. 4th Street Address: St. Joseph, MO 64501	**DOT Hazard Classification:** ORM-D **Identity** (trade name as used on label): **CARPET SPOTTER** **Part# HIL0102954**
Phone: **(816)-233-1321 ext. 8285** or http://www.hillyard.com	**MSDS Number:** A00173 Revision -8
EMERGENCY RESPONSE NUMBER: Chemtrec 1-800-424-9300 **NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA**	Date Prepared: 07/02/04 Prepared By: TR/IB Information Calls: (770) 422-2071

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
ISOBUTANE / PROPANE BLEND	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d
ISOPROPANOL	67-63-0	No	400	400	d
2-BUTOXYETHANOL	111-76-2	Yes*	25 (skin)	20 (skin)	d
ACETONE	67-64-1	No	1000	750	d
PROPYLENE GLYCOL PHENYL ETHER	770-35-4	No	NE	NE	d
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	No	NE	NE	d
*GLYCOL ETHER					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A	**Specific Gravity** (H2O=1): Concentrate Only = 0.985
Vapor Pressure: PSIG @ 70°F (Aerosols): Max.60	**Vapor Pressure** (Non-Aerosols)(mm Hg and Temperature): N/A
Vapor Density (Air = 1): N/E	**Evaporation Rate** (= 1): N/E
Solubility in Water: Soluble	**Water Reactive:** No
Appearance and Odor: Clear spray with sweet fragrance.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols): 12 inch projection (not categorized as flammable)	Auto Ignition Temperature N/E	Flammability Limits in Air by % in Volume: % LEL: N/E % UEL: N/E

FLASH POINT AND METHOD USED (non-aerosols): N/A
EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water.
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY [X] STABLE [ ] UNSTABLE
HAZARDOUS POLYMERIZATION [ ] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid): Strong oxidizers
Conditions to Avoid: Open flame, welding arcs, heat.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and trace oxides of nitrogen.

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [X] INHALATION [ ] INGESTION [X] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS

ACUTE EFFECTS

Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.
Eye Contact: Slight irritation.
Skin Contact: Slight irritation. Prolonged contact increases irritation and skin absorption.
Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea.
CHRONIC EFFECTS: Excessive and prolonged over- exposure may cause damage to nasal & respiratory passages, throat & esophagus. Lab animals have experienced anemia, liver, kidney, lung, blood damage to 2-butoxyethanol.
Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.
Skin Contact: Remove contaminated clothing. Wash with soap and water. If irritated, seek medical attention. Launder contaminated clothing before re-use.
Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.
Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH to be used in positive pressure mode.
Protective Gloves: Disposable latex gloves suggested.
Eye Protection: Safety glasses recommended.
Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.
Other Protective Clothing & Equipment: None
Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Flush to sewer with water.
Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.
Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130°F.
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors.

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

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only