

**CHEM INTERNATIONAL****MATERIAL SAFETY DATA SHEET****EMERGENCY #: CANUTEC (613) 996-6666****PRODUCT IDENTIFICATION AND PREPARATION INFORMATION**

**PRODUCT NAME:** SCRUBS Graffiti & Spray Paint Remover  
**WHMIS CLASS:**  
**T.D.G. CLASSIFICATION:** UN: PG:  
**MATERIAL USE:**

**EFFECTIVE DATE:** January 7, 2009**HAZARDOUS INGREDIENTS**

Hazardous Components	CAS No.	OSHA PEL	ACGIH-TLV	OTHER LIMITS	% (Opt.)
Butoxyethanol (skin designation)	111-76-2	50 ppm	25 ppm		10 - 30 %
Amyl acetate	628-63-7	100 ppm	100 ppm		7 - 13 %
Methoxyisopropanol	107-98-2	100 ppm	100 ppm	STEL 150 ppm	15 -40 %

**PHYSICAL DATA****BOILING POINT:** 212° F**VAPOUR PRESSURE (mm Hg):** N/D**VAPOUR DENSITY (Air=1):** >1**SOLUBILITY IN WATER:** Partial**PHYSICAL STATE:** N/D**pH:** 7.0 □ 0.5**APPEARANCE AND ODOUR:** Clear colorless liquid with a banana and/or floral scent on a towel.**VOC's--**This product contains 779.5 grams per liter or 80 % by weight VOC's.**COEF. OF WATER/OIL DIST.:****SPECIFIC GRAVITY (H<sub>2</sub>O=1) @70° F:** 0.974**% VOLATILE (by vol.):****EVAPORATION RATE (H<sub>2</sub>O=1):** N/D**ODOUR THRESHOLD:** N/D**FREEZING POINT:****FIRE AND EXPLOSION DATA****FLAMMABILITY:** N/D**FLASH POINT:** 136° F (TCC): liquid phase**UEL:** N/D**LEL:** N/D**HAZARDOUS COMBUSTION PRODUCTS:****MEANS OF EXTINCTION:** Use carbon dioxide, dry chemical, foam or fog. Large spills may cause a floating fire to form as if an oil fire.**SPECIAL FIRE FIGHTING PROCEDURES:** Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear SCBA in chemical fires.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Combustible liquid on a plastic towel.**EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT:****STATIC DISCHARGE:****REACTIVITY DATA****CHEMICAL STABILITY:** Stable.**INCOMPATIBILITY:** Strong alkalis, acids and oxidizers and heat.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide, smoke and soot and various organic oxidation by-products.**REACTIVITY:** N/D**FIRST AID****EYES:** Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. See a physician immediately.**INGESTION:** Call a physician or poison control center immediately. Aspiration hazard.**INHALATION:** Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.**SKIN:** Flush with plenty of water for at least 15 minutes. If irritation arises and persists, call a physician.

## TOXICOLOGICAL PROPERTIES

**ROUTE OF ENTRY:** Eyes contact (yes), Skin contact (yes), Skin absorption (yes), Inhalation (yes), Ingestion (yes)

**HEALTH HAZARDS (ACUTE AND CHRONIC):** Warning. Combustible liquid. Causes eye and skin irritation. May be harmful or fatal if swallowed (aspiration hazard). Harmful if absorbed through intact skin. May be harmful if inhaled. Repeated or prolonged occupational overexposure can cause dermatitis, severe skin irritation or Painter's syndrome. Overexposure to vapors may induce central nervous system effects. Follow good chemical hygiene practices to avoid these hazards.

**CARCINOGENICITY:** None known

**NTP?** No

**IARC MONOGRAPHS?** No

**OSHA REGULATED?** No

**SIGNS AND SYMPTOMS OF EXPOSURE** - Redness, tearing and burning in eyes. Redness drying and cracking skin. Swallowing, overexposure to vapors or skin absorption may cause drowsiness, dizziness, fatigue, loss of coordination. Inhalation of excessive amounts of vapors may irritate nose, throat and upper respiratory tract. Follow good chemical hygiene practices to avoid these hazards.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Pre-existing skin, lung, kidney, liver and blood conditions could be aggravated by overexposure and misuse.

## PREVENTATIVE MEASURES

**HAND PROTECTION:** Yes, impervious gloves

**EYE PROTECTION:** Not usually necessary.

**RESPIRATORY PROTECTION:** Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

**BODY PROTECTION:** Not usually necessary.

**FOOT PROTECTION:** Not usually necessary.

**ENGINEERING CONTROLS:** Normal. Wash hands after use and before eating, drinking, smoking, using restrooms, etc.

**LEAK AND SPILL PROCEDURE:** Caution, slip hazard. Allow material to dry before foot traffic is allowed on wetted area. For large spills, isolate and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread if free liquid is created. Pick up with a vacuum or an absorbent material or allow to air dry. Put in a suitable container for proper disposal.

**WASTE DISPOSAL:** Review federal, provincial and local government requirements prior to disposal.

**HANDLING & STORAGE PROCEDURES:** Do not use around ignition sources such as heat, sparks, flame, static electricity, welding arcs, etc. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Do not swallow. Do not smoke while using. Avoid inhaling vapors. Use with adequate ventilation. Store in a cool dry location away from heat, sparks, open flame, etc.

N/AP= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · N/AV=NOT AVAILABLE  
<=LESS THAN - >=MORE THAN

## HMIS HAZARD RATING INFORMATION

FIRE	REACTIVITY	HEALTH	PERSONAL PROTECTION
2	0	2	0

0 – Minimal, 1- Slight, 2 – Moderate, 3 – Serious, 4 – Extreme.

DISCLAIMER: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been fully trained according to the mandatory requirements of WHIMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage that may result from the use or reliance on any information contained in this form.

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