

**CHEM INTERNATIONAL****MATERIAL SAFETY DATA SHEET****EMERGENCY #: CANUTEC (613) 996-6666****PRODUCT IDENTIFICATION AND PREPARATION INFORMATION****PRODUCT NAME:** Vandal Wipes**EFFECTIVE DATE:** January 15, 2009**WHMIS CLASS:** Not regulated.**T.D.G. CLASSIFICATION:** UN: PG:**MATERIAL USE:** Graffiti and spray paint remover.**HAZARDOUS INGREDIENTS**

INGREDIENTS	CAS #	OSHA PEL	ACGIH-TLV	Other Limits Recommended	% (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%

\*This product contains Butoxyethanol (a glycol ether compound) which is listed and may require reporting under SARA Title III SEC. 313 if used over the threshold reporting quantity. This information must be included in all MSDSs that are copied and distributed for this material.  
TSCA: All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

**PHYSICAL DATA****BOILING POINT:** Approx. 100°C (212°F)**VAPOUR PRESSURE (mm Hg):** N/AV**VAPOUR DENSITY (Air=1):** >1**EVAPORATION RATE (H<sub>2</sub>O=1):****pH:** 7.0 - 0.5**VOC's:** This product contains 779.5 grams per litre or 80% by weight VOC's.**APPEARANCE AND ODOUR:** Clear colourless liquid with a banana and/or floral scent on a towel.**COEF. OF WATER/OIL DIST.:****SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.974@21°C**SOLUBILITY IN WATER:** Partial.**ODOUR THRESHOLD:****MELTING POINT:** N/AV**FIRE AND EXPLOSION DATA****FLAMMABILITY:** N/D**FLASH POINT:** 58°C (TCC): liquid phase.**UEL:** N/D**LEL:** N/D**HAZARDOUS COMBUSTION PRODUCTS:** Combustible liquid on a plastic towel.**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.**EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT:****STATIC DISCHARGE:****REACTIVITY DATA****CHEMICAL STABILITY:** Stable.**INCOMPATIBILITY:** Strong Alkalies, acids and oxidizers and heat.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide, smoke and soot and various organic oxidization by-products.**HAZARDOUS POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** Heat, sparks and open flames.**FIRST AID****EYE:** Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. See a physician immediately.**SKIN:** Flush with plenty of water for at least 15 minutes. If irritation arises and persists, call a physician.**INHALATION:** Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.**INGESTION:** Call a physician or poison control center immediately. Aspiration hazard.

**EFFECTS OF ACUTE and CHRONIC EXPOSURE:****ROUTE OF ENTRY:** Eyes contact (yes), Skin contact (yes), Skin absorption (yes), Inhalation (yes), Ingestion (yes)**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.**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.**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Pre-existing skin, lung, kidney, liver and blood conditions could be aggravated by overexposure and misuse.**SENSITIZATION:****CARCINOGENICITY:** N/D**REPRODUCTIVE TOXIN:** N/D**TERATOGENICITY:** N/D**MUTAGENICITY:** N/D**SYNERGISTIC MATERIALS:** N/D**EXPOSURE LIMITS:** N/D**PREVENTATIVE MEASURES****HAND PROTECTION:** Yes, impervious**EYE PROTECTION:** Yes, goggles or approved safety glasses (ANSI Z87)**RESPIRATORY PROTECTION:** Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Not usually necessary. Avoid direct contact. Wear apron, boots, face shield, etc. if needed.**ENGINEERING CONTROLS:****LEAK AND SPILL PROCEDURE:** 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.**WASTE DISPOSAL:** Triple rinse empty container then offer for recycling, reuse, or reconditioning. Review federal, provincial and local government requirements prior to disposal.**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** 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.**WORK/HYGIENIC PRACTICES:** Normal. Wash hands after use and before eating, drinking, smoking, using restrooms, etc.**OTHER PRECAUTIONS:** Follow label directions carefully. Keep out of reach of children. Keep container tightly sealed when not in use. Do not contaminate water, food or feed by use or storage. Do not deliberately concentrate and inhale vapors.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**  
2**REACTIVITY**  
0**HEALTH**  
2**PERSONAL PROTECTION**  
2

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.**CHEM INTERNATIONAL**18043 – 107 Avenue  
Edmonton, Alberta  
T5S 1K3  
1-800-665-7287