

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY #: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Vandasol

EFFECTIVE DATE: January 15, 2009

WHMIS CLASS: N/A

T.D.G. CLASSIFICATION: N/A

UN: N/D **CLASS:** N/D **PG:** N/D

MATERIAL USE: Aerosol Spray

HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS #	%WT	TWA/TLV	LD 50	LC 50
Toluene	108-88-3	50-60	100 ppm	2500 mg/kg Oral, Rat	8000 ppm Rat 4hr
Diacetone Alcohol	123-42-2	05-10	50 ppm	N/D	N/D
Isopropyl Alcohol	67-63-0	05-10	400 ppm	4420 mg/kg Oral,Rat	22627 ppm Rat 4hr
Liquified Petroleum Gas	68476-86-8	15-25	1000 ppm	N/D	N/D

PHYSICAL DATA

DATA BELOW BASED ON AEROSOL CONCENTRATE ONLY:

BOILING POINT: 90° C

pH: N/A

SOLUBILITY IN WATER: Emulsifies

APPEARANCE/ODOR: Creamy White Jel, Mild Odor

DATA BELOW BASED ON TOTAL CONTENTS:

VAPOR PRESSURE OF CAN (PSIG @20° C): 45

TOTAL VOC%: ~87%

VAPOR DENSITY(AIR=1): >1

SPECIFIC GRAVITY (H₂O=1)@23° C: 0.913

FIRE AND EXPLOSION DATA

FLASH POINT (OF CONCENTRATE ONLY): 12° C (T.O.C.)

FLAMMABILITY (AS PER FLAME PROJECTION TEST): Flammable Spray

EXTINGUISHING MEDIA: Foam, CO₂, Dry Media

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Exposure to temperature above 49° C may cause bursting.

REACTIVITY DATA

STABILITY: Material Stable.

HAZARDOUS POLYMERIZATION: Will not Occur.

INCOMPATIBILITY: Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxides.

FIRST AID

EYES: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.

SKIN: Wash with soap and water. If irritation persists seek medical attention.

INHALATION: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.

INGESTION: Do not induce vomiting. Seek medical attention immediately.

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eyes, skin contact, inhalation, ingestion

EFFECTS OF ACUTE EXPOSURE:

EYES: May cause slight irritation but does not injure eye tissue.

SKIN: Frequent or prolonged contact may cause irritation.

INHALATION: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

INGESTION: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.

EFFECTS OF CHRONIC EXPOSURE:

SKIN: Same as above.

IRRITANCY: Same as above.

RESPIRATORY TRACT SENSITIZATION: N/D

CARCINOGENICITY: N/D

REPRODUCTIVE TOXIN: N/D

TERATOGENICITY: N/D

MUTAGENICITY: N/D

SYNERGISTIC MATERIALS: N/D

EXPOSURE LIMITS: N/D

PREVENTATIVE MEASURES

RESPIRATORY PROTECTION: None needed for proper use in accordance with label directions.

VENTILATION: Provide local exhaust to keep air concentrations of ingredients listed in Section II below established exposure limits.

PROTECTIVE GLOVES: Use chemical resistant gloves to help prevent skin contact.

EYE PROTECTION: Always wear safety glasses or chemical proof goggles when working with chemicals.

OTHER PROTECTIVE EQUIPMENT: Don't eat, drink or smoke in work area. Wash hands before eating.

ENGINEERING CONTROLS: None.

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Contact federal, provincial, or local authorities

WASTE DISPOSAL: When used properly, aerosol products do not generate hazardous waste. Empty depressurized containers can not be reused and should be wrapped and placed in a permitted waste management facility.

KEEP OUT OF REACH OF CHILDREN.

For Industrial and Institutional use only.

Store in a cool, dry area away from heat or open flame.

Do not store at temperatures above 120° F.

NFPA Code 30B Rating: Level 2 Aerosol.

HMIS HAZARD RATING INFORMATION

FIRE	REACTIVITY	HEALTH	PERSONAL PROTECTION
3	0	1	B

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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