

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY #: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Antiseize 2100

EFFECTIVE DATE: January 5, 2009

WHMIS CLASS: Class A, Class B - Div 5, Class D - Div 2B

T.D.G. CLASSIFICATION: Consumer Commodity - Orm-D

MATERIAL USE: Anti-seize lubricant

HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL TLV-TWA
Acetone	67-64-1	10-20	NO	NO	NO	1000 ppm 500 ppm
Copper	7440-50-8	10-20	YES	NO	NO	1 mg/m ³ 1 mg/m ³
Isoparaffinic Hydrocarbon	64741-66-8	1-10	NO	NO	NO	N/E 1400 mg/m ³ *
Isoparaffinic Hydrocarbon	64742-47-8	1-10	NO	NO	NO	N/E 1200 mg/m ³ *
Liquefied Petroleum Gas	68476-86-8	35-45	NO	NO	NO	1000 ppm 1000 ppm

*Manufacturer's recommended exposure limit (TWA)

PHYSICAL DATA

BOILING POINT: 57°C

pH: N/A

APPEARANCE/ODOR: Gray, viscous liquid with solvent odor

TOTAL VOC %: 55%

SPECIFIC GRAVITY (H₂O=1)@22°C: 1.03

SOLUBILITY IN WATER: Slight

VAPOR DENSITY(AIR=1): >1

VAPOR PRESSURE (CAN; PSIG @72°F): 40

FIRE AND EXPLOSION DATA

FLASH POINT (CONC.): 18°C (T.O.C.)

FLAMMABILITY (AS PER CSMA 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 Monoxide.

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 contact (X), Skin contact (X), Skin absorption (X), Inhalation (X), Ingestion (X)

EFFECTS OF ACUTE EXPOSURE:

EYES: May cause irritation. May aggravate existing conditions.

SKIN: Frequent or prolonged contact may cause irritation. May aggravate existing skin conditions.

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 pulmonary injury.

EFFECTS OF CHRONIC EXPOSURE:

CARCINOGENICITY: Non hazardous by WHMIS Criteria

REPRODUCTIVE TOXIN: N/D

TERATOGENICITY: N/D

MUTAGENICITY: N/D

SYNERGISTIC MATERIALS: N/D

PREVENTATIVE MEASURES

PROTECTIVE GLOVES: Use chemical resistant gloves if hand contact will be made.

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

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 acceptable limits.

ENGINEERING CONTROLS: Provide local exhaust to keep TLV of section "Hazardous Ingredients" below acceptable limits.

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. Dispose of soaked absorbent material in accordance with Federal, Provincial and local laws.

WASTE DISPOSAL: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Review federal, provincial and local government requirements prior to disposal.

KEEP OUT OF REACH OF CHILDREN. NFPA Code 30B Rating: Level 3 Aerosol.

For Industrial and Institutional use only. Store in a cool, dry area away from heat or open flame.

Do not store at temperatures above 49°C.

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
3	1	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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