

# MATERIAL SAFETY DATA SHEET

EMERGENCY #: CANUTEC (613) 996-6666

## PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Antiseize 2100

EFFECTIVE DATE: July 7, 2014

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

INGREDIENTS	CAS #	Wt%	TLV	LD50	LC50
Isoparaffinic Hydrocarbon	64741-66-8	20-40	400 ppm	N/D	N/D
Copper Compound	7440-50-8	10-20	0.2 mg/m <sup>3</sup> (fume)	N/D	N/D
Liquide Petroleum Gas	68476-85-7	40-60	1000 ppm	N/D	N/D

## PHYSICAL DATA

BOILING POINT: ~ 80°C

SPECIFIC GRAVITY (H<sub>2</sub>O=1) @22°C: 0.972

TOTAL VOC %: ~70%

PH: N/AV

VAPOUR PRESSURE (psig @21°C): 45

VAPOUR DENSITY (Air=1): >1

SOLUBILITY IN WATER: Slight

APPEARANCE AND ODOUR: Gray viscous liquid, solvent odour

## FIRE AND EXPLOSION DATA

FLAMMABILITY: Flammable Spray

FLASH POINT (of Concentrate Only): 1°C (T.O.C.)

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

MEANS OF EXTINCTION: Foam, CO<sub>2</sub>, dry media

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

## REACTIVITY DATA

CHEMICAL STABILITY: Material stable

INCOMPATIBILITY: Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide

REACTIVITY: Hazardous Polymerization will not occur.

## FIRST AID

EYE: Flush with large amounts of cold 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:**

**EYE:** 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 diarrhoea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.

**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**

**HAND PROTECTION:** None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.

**EYE PROTECTION:** None needed unless it is anticipated that a splash or spray back will occur, and then wear safety glasses or chemical proof goggles.

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

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

**LEAK AND SPILL PROCEDURE:** 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.

**STORAGE & HANDLING: 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 temperature 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	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** (a division of Aliysha Enterprises Ltd.)

10770-180 Street  
Edmonton, AB. T5S 2S4

P: 1-800-665-7287  
780-483-8827

[info@cheminternational.com](mailto:info@cheminternational.com)  
[www.cheminternational.com](http://www.cheminternational.com)