

CHEMICAL INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY #: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Release Food Grade

EFFECTIVE DATE: January 8, 2009

WHMIS CLASS: Class A; Class B – Div 5; Class D – Div 2B

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

MATERIAL USE: Silicone spray.

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt%	TLV	LC50	LD50
Isoparaffinic Hydrocarbon	64741-66-8	40-60	400 ppm	N/D	N/D
Liquefied Petroleum Gas	68476-85-7	40-60	1000 ppm	N/D	N/D
Polydimethylsiloxane	63148-62-9	01-05	N/E	20,000. mg/kg (rat)	>535 mg/l (rat)

PHYSICAL DATA

BOILING POINT (°C): ~-60°C

TOTAL VOC%: ~95%

VAPOUR PRESSURE (of can): psig @ 20°C: 45

SPECIFIC GRAVITY (H₂O=1): @23°C: 0.726

VAPOUR DENSITY (Air=1): >1

SOLUBILITY IN WATER: Slight.

PH (as

supplied): N/A

APPEARANCE AND ODOUR: Clear liquid, solvent odor.

FIRE AND EXPLOSION DATA

FLAMMABILITY (as per Flame Projection Test): Flammable Spray.

FLASH POINT (of Concentrate Only): -4°C

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

MEANS OF EXTINCTION: Foam, CO₂, Dry Media.

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

REACTIVITY DATA

STABILITY: Material stable.

INCOMPATIBILITY: Avoid contact with strong oxidizing agents.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxides.

FIRST AID

EYES: Flush with large amounts of 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 will 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:

CARCINOGENICITY - Non Hazardous by Whmis Criteria

REPRODUCTIVE EFFECTS - N/D

TERATOGENICITY - N/D

MUTAGENICITY - N/D

SYNERGISTIC MATERIALS - N/D

PREVENTATIVE MEASURES

PROTECTIVE GLOVES: 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, then wear safety glasses or chemical proof goggles.

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

VENTILATION: Provide local exhaust to keep TLV of Section II 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. Consult Federal, Provincial and local authorities for approved procedures.

STORAGE & HANDLING REQUIREMENTS: For Industrial or Institutional use only. Keep out of reach of children. Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 49°C.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN ·
>=MORE THAN

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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