

**FRANK'S****MAINTENANCE PRODUCTS INC.**

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Chem-shop™**MATERIAL SAFETY DATA SHEET****SECTION I · PRODUCT IDENTIFICATION**

Product Name: SAFETY SOLVENT - Chlorinated
Product Number: 101-6415
Product Type: AEROSOL

Formula: Proprietary
Date Prepared: Nov. 1, 2012

HMIS Rating (Based on Aerosol Conc.):
 0- Minimal 1- Slight 2- Moderate
 3- Serious 4- Extreme
HEALTH: 2 FIRE 0 REACTIVITY: 1
Personal Protection : G

Supplier's Name: Frank's Maintenance Products Inc.
Supplier's Address: 1299 Strasburg Road, Kitchener, ON N2R 1H2

Information Phone: (519) 748-4433
Emergency Phone: (613) 996-6666

TDG: CONSUMER COMMODITY · ORM-D **WHMIS :** Class A; Class B - Div 5; Class D - Div 2B

SECTION II · HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS #	%WT	TWA/TLV	LD 50	LC 50
Trichloroethylene	79-01-6	90-100	10 ppm	4820 mg/kg Oral Rat	7480 ppm Mouse 4 hr
Isopropyl Alcohol	67-63-0	01-10	400 ppm	4420 mg/kg Oral Rat	22627 ppm Rat 4hr
Carbon Dioxide Propellant	124-38-9	01-05	5,000 ppm	N/D	N/D

SECTION III · PHYSICAL DATA

Data Below Based On Aerosol Concentrate Only:

Boiling Point: ~ 85°C

pH: N/A

Solubility In Water: Negligible

Appearance/Odor: Clear Colorless Insoluble Liquid, Mild ether like odor

Vapor Density(Air=1): 4.53

Specific Gravity (H₂O=1)@23° C: 1.419

Data Below Based On Total Contents:

Vapor Pressure of can (psig @20° C): 90

Total VOC %: ~ 97 %

SECTION IV · FIRE AND EXPLOSION DATA

Flash Point (of Concentrate Only): None to Boiling (85° C)

Flammability (as per Flame Projection Test): Non-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.

SECTION V · REACTIVITY DATA

Stability: Material Stable.

Hazardous Polymerization: Will not Occur.

Incompatibility: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride, small amount of Phosgene.

SECTION VI · STORAGE AND 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 temperatures above 49° C.

NFPA Code 30B Rating: Level 3 Aerosol.

SECTION VII · HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:

Eyes: May cause pain and moderate irritation.

Skin: Frequent or prolonged contact may cause mild irritation. Repeated contact may cause drying or flaking of skin.

Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation of vapors 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.

Carcinogenicity - Hazardous by WHMIS Criteria*; **Reproductive Effects** - N/D; **Teratogenicity** - N/D; **Mutagenicity** - N/D; **Synergistic Material** - N/D

* If this product is handled with good industrial hygiene practice it will not present a carcinogenic risk in the work place

FIRST AID PROCEDURES:

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 plenty of 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.

SECTION VIII · SPECIAL PROTECTION DATA

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.

Protective Gloves: Use chemical resistant gloves if hand contact will be made.

Eye Protection: If it is anticipated that a splash or spray back will occur, wear safety glasses or chemical proof goggles.

SECTION IX · SPILL OR LEAK PROTECTION

STEPS TO BE TAKE 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 METHOD: 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.

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

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstances. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.