11151

From: Interstate Valweld

Lube Matic
Lube Pads

WELD—AID PRODUCTS
14650 Dequindre
Detroit, Michigan 48212
(313) 883-6977
DUNS: 00-653-3327

MATERIAL SAFETY DATA SHEET

I — IDENTIFICATION

PRODUCT NAME: Lubematic
MATERIAL DESCRIPTION: Hazardous Blend
CHEMICAL FAMILY: Halogenated Hydrocarbons

PRODUCT CODE: 007040, 007050
REVISION DATE: 4/91

II — PRODUCT AND COMPONENT DATA

COMPONENTS	CAS REGISTRY NO.	%	ACGIH TLV-TWA
1. 1,1,1 Trichloroethane	71-55-6	≥85%	350 PPM
2. Alkyl-Aryl Siloxane Copolymer	None	≤15%	None Known

III — PHYSICAL DATA

BOILING POINT: 165 F
SPECIFIC GRAVITY: 1.28-1.30
VAPOR PRESSURE: 100mm Hg @ 20C (1,1,1 Trichloroethane)
SOLUBILITY: Negligible
EVAPORATION RATE: 0.4 (1,1,1 Trichloroethane)
APPEARANCE AND ODOR: Clear, colorless liquid, mildly sweet odor

MELTING POINT: Not Applicable
% SOLID: ≤10% By Wt.
VAPOR DENSITY: 4.6 (Air = 1)
% VOLATILE BY VOL.: ≥85%
MATERIAL IS: Liquid

IV — REACTIVITY DATA

STABILITY: Stable
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen chloride, phosgene
(M. AMT.), silicon dioxide
CONDITIONS TO AVOID: Avoid contact with open flame, electric arcs, or other hot surfaces which can cause thermal decomposition.

INCOMPATIBILITY: Strong alkalies, oxidizers, reactive metals
HAZARDOUS POLYMERIZATION: Will not occur

V — FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): 1. None (TCC) 2. ≥400 (PMCC)
EXTINGUISHING AGENTS: Water, foam, dry chemical, carbon dioxide (CO_2)
UNUSUAL FIRE AND EXPLOSION HAZARDS: Concentrated vapors can be ignited by high intensity ignition source. Firefighters should wear self-contained, positive pressure breathing apparatus, due to thermal decomposition products.

FLAMMABLE LIMITS IN AIR: 7.5%-15.0%

VI — TOXICITY AND FIRST AID

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Acute and chronic liver disease and rhythm disorders of the heart.
ACUTE TOXICITY:
INHALATION: Major potential route of exposure. Minimal effects observed below 1,000 PPM; dizziness, drowsiness, at levels above 1,000 PPM. Unconciousness and death possible above 10,000 PPM.
SKIN: Prolonged or repeated skin contact can cause irritation, defatting of skin, and dermatitis.
EYES: Liquid can cause slight temporary irritation with slight temporary corneal injury. Vapor can irritate eyes.
INGESTION: Single dose toxicity is low to moderate. If vomiting occurs, 1,1,1 Trichloroethane can be aspirated into the lungs, which can cause chemical pneumonia and systemic effects.
CHRONIC TOXICITY: Chronic exposures to 1,1,1 Trichloroethane have caused liver toxic effects in experimental animals. Carcinogenity - the available data indicates that 1,1,1 Trichloroethane is not carcinogenic in laboratory animals. 1,1,1 Trichloroethane is not listed on the OSHA, IARC, or NTP carcinogen lists.

FIRST AID:
INHALATION: Remove to fresh air. If breathing has stopped, administer artificial respiration. Call a physican.
SKIN: Remove contaminated clothing and shoes. Wash with soap and water. Wash contaminated clothing before reuse.
EYES: Flush eyes immediately with water for a least 15 minutes. If irritation persists, call a physician.
INGESTION: Do not induce vomiting. Contact physician or emergency medical facility immediately.
NOTE TO PHYSICIAN: Adrenalin should never be given to persons overexposed to 1,1,1 Trichloroethane.

VII — PERSONAL PROTECTION AND CONTROLS

RESPIRATORY PROTECTION: Where vapor concentration exceeds or is likely to exceed 350 PPM, an approved organic vapor type respirator is acceptable. Approved self-contained breathing apparatus is required for vapor concentrations above 1,000 PPM.
VENTILATION: Do not use in closed or confined space. Use ventilation to maintain exposure levels below 350 PPM.
SKIN PROTECTION: Wear solvent-resistant gloves such as viton, polyvinyl alcohol, or equivalent. Solvent resistant boots, apron, headgear and/or faceshield should be worn where splashing is possible.
EYE PROTECTION: Wear safety glasses. Contact lenses should not be worn. Chemical goggles and/or face shields should be worn where splashing is possible.
OTHER CONTROL MEASURES: Safety shower and eyewash station should be available. To determine exposure level(s) monitoring should be performed regularly.

(OVER)

11151

007040, 007050 — Lubematic

VIII — SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

Do not cut or weld on empty or full drums. Aluminum equipment should not be used for storage or transfer. Vapors are heavier than air and will collect in low areas. Do not remove or deface label.

IX — SPILL LEAK AND DISPOSAL PRACTICES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Evacuate the area, ventilate, and avoid breathing vapors. Dike area to contain spill. Clean up area by mopping or with absorbent material and place in closed containers for disposal. Avoid contamination of ground and surface waters. Do not flush to sewer.

WASTE DISPOSAL METHOS: Recovered liquids may be sent to a licensed reclaimer or incineration facility. Contaminated material must be disposed of in a permitted waste management facility. Consult federal, state or local authorities for approved procedures.

X — NFPA RATING

0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme

HEALTH	FIRE	REACTIVITY
2	1	0

This sheet was compiled from the latest available information and reliable sources. Procedures are based on accepted useage. They are not necessarily all-inclusive and may vary in every circumstance. Weld-Aid provides no warranties either expressed or implied and assumes no responsibility for the accuracy or completeness of the data herein.