

MATERIAL SAFETY DATA SHEET

MARYKATE FOGGING OIL
 Product Name: Fogging Oil
 Product Code: MK7412
 Product Class: Aerosol Lubricant

RATINGS:	HMSD HAZARD RATING:
4 - EXTREME	HEALTH
3 - SERIOUS	FLAMMABILITY
2 - SIGNIFICANT	REACTIVITY
1 - SLIGHT	PERSONAL PROTECTION
0 - MINIMUM	

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURED FOR: MARYKATE SHIP SHAPE
 ADDRESS: 1501 ARCTIC AVENUE, BOHEMIA, N.Y. 11716
 CHEMTRAC PHONE: 800-424-9300 - PRODUCT INFORMATION PHONE: 631-244-8550 (800-832-2541)
 DATE PRINTED: 6/27/00 NAME OF PREPARER: Kelly Bryant, Regulatory Department

REPORTABLE COMPONENTS	SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION		
	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
Mineral Spirits OSHA: 100 ppm ACGIH: 100 ppm	64742-88-7	2	79.00
Naphthenic Oil ACGIH: 5 mg/m3 as m	64742-63-8	0	11.00
2-Butoxyethanol OSHA: 20 ppm (skin) ACGIH: 20 ppm	111-76-2	.88	4.00
Sulfonated Hydrocarbon Surfactant OSHA: 5 mg/m3 as D ACGIH: 5 mg/m3 as D	Unknown	0	3.00
Carbon Dioxide OSHA: 5000 ppm ACGIH: 5000 ppm	124-38-9	0	2.00

BOILING POINT: <0 -395F <-18 - 201C
VAPOR DENSITY: Heavier than air
SOLUBILITY IN WATER: N/A
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS
SPECIFIC GRAVITY: .80 **VOLATILE WEIGHT:** 82.46% (less Federally exempt solvents)
EVAPORATION RATE: Faster than ether **PRODUCT WEIGHT:** 5.61 lb./gal. - 791 g/l
MELTING POINT: Not Available
VOLATILE VOLUME: 87%

FLASH POINT: 111 F TCC - LEL 1.0 - UEL 9.5

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS: Isolate from heat, electrical equipment, sparks and open flame. Closed container may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES: Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

ROUTES OF EXPOSURE: Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protection equipment.

ACUTE Health Hazards

EFFECTS OF OVEREXPOSURE: Irritation of eyes, skin and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness or itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

None generally recognized.

EMERGENCY AND FIRST AID PROCEDURES:

IF INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

IF ON SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and laundry before reuse.

IF IN EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

IF SWALLOWED: Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING. Give conscious patient several glasses of water. Seek medical attention.

CHRONIC Health Hazards

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver, urinary and blood forming systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

STABILITY: Stable

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY (MATERIALS TO AVOID): None known.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: By fire, Carbon dioxide, Carbon monoxide

HAZARDOUS POLYMERIZATION: Will not occur.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Ventilate and remove with inert absorbent.

WASTE DISPOSAL METHOD: Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

PRECAUTIONS TO BE TAKEN IN USE: Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

VENTILATION: Local exhaust preferable. General exhaust acceptable if the exposure to material in Section II is maintained below applicable exposure limits. Refer to OSHA standards 1910.94, 1910.107, 1910.108

RESPIRATORY PROTECTION: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitting organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section II.

PROTECTIVE GLOVES: None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

EYE PROTECTION: Wear safety spectacles with unperforated sideshields.

DOL STORAGE CATEGORY: 1A

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep away from heat and open flame. Consult NFPA Code. Use approved bonding and grounding procedures. Contents under pressure. Do not puncture, incinerate or expose to temperatures above 120F. Heat from sunlight, radiators, stoves, hot water and other heat sources could cause containers to burst. Do not take internally. Keep out of the reach of children.

OTHER PRECAUTIONS: Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

SARA 313 (19 CFR 372.65C) Supplier Notification.

Cas No.	Chemical/Compound	% by weight	% Element
	Glycol Ethers	4	

TSCA CERTIFICATION: All chemicals in this product are listed, or are exempt from listing, on the TSCA inventory.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of this product. Since conditions of use are outside of our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.