

Health	2
Fire	3
Physical	0
Pers. Protection	A

Material Safety Data Sheet

Precision 201-6111K

Mercury Marine
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CHEMTREC 24-HOUR EMERGENCY RESPONSE TOLL-FREE
NUMBER: (800) 424-9300 (U.S. only)
(703)-527-3887 (outside U.S.)

Section 1: Chemical Product Identification

PRODUCT NAME: Fuel Injector Cleaner

HMIS CODES

Health: 2 Flammability: 3 Physical: 0

PART NUMBER(s): 92-8M0062765

Section 2: Composition and Information on Hazardous Ingredients

HAZARDOUS INGREDIENTS:

CAS NUMBER	CHEMICAL NAME	WEIGHT%	OSHA PEL	ACGIH TLV	OTHER LIMITS
1330-20-7	Xylenes	> 98	100 ppm	150 ppm	ND
Mixture	Polymer/ Amine/Solvent blend	<2	ND	ND	ND

Section 3: Hazards Identification

SUMMARY OF ACUTE HAZARDS

ROUTE OF EXPOSURE	SIGN AND SYMPTOM	PRIMARY ROUTE
INHALATION:	MAY CAUSE LIGHT HEADACHES OR DIZZINESS	YES
EYE CONTACT:	MAY CAUSE IRRITATION	YES
SKIN CONTACT:	MAY CAUSE IRRITATION	YES
INGESTION:	MAY CAUSE STOMACH DISTRESS, NAUSEA, AND VOMITING	YES

SUMMARY OF CHRONIC HAZARDS:

Exposure to xylenes can result in skin irritation and contact dermatitis.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Pre-existing disorders of the skin, eyes, and respiratory tract may be exacerbated by exposure to xylenes.

Section 4: First Aid Measures

- **INHALATION:** Move to fresh air or provide fresh air by ventilation. If symptoms persist, seek medical attention.
- **EYE:** Remove any contact lenses and flush with running water for 15 minutes. Obtain medical attention if irritation persists.
- **SKIN:** Flush with water. Wash with soap and water. If irritation persists, seek medical attention. Wash contaminated clothing before reuse.
- **INGESTION:** Do not induce vomiting. Rinse mouth out. Obtain medical attention immediately. If unconscious, never give anything by mouth.

Section 5: Fire and Explosion Data

FLASH POINT: 75, TCC / 100, COC (Xylenes) **FLAMMABILITY LIMITS:** LEL: 1% UEL: 7%
EXTINGUISHING MEDIUM: Water, foam, carbon dioxide, dry chemical. **AUTO-IGNITION TEMPERATURE (of):** 980
SPECIAL FIRE FIGHTING PROCEDURES: None known
UNUSUAL FIRE AND EXPLOSION HAZARDS: Hazardous combustion products-may include and are not limited to oxides of carbon.

Section 6: Accidental Release Measures

PERSONAL PROTECTIVE EQUIPMENT: NO
MATERIAL RELEASED OR SPILLS: Small spills may be absorbed with non-reactive absorbent material and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers, waterways, and soil.

Section 7: Handling and Storage

STORAGE: Keep out of reach of children. Store closed container upright away from incompatible materials and food. Do not store near heat, flame, sparks or other forms of ignition.
OTHER PRECAUTIONS: Do not re-use empty containers.

Section 8: Exposure Controls and Personal Protection

RESPIRATORY PROTECTION: None required in normal usage.
ENGINEERING CONTROLS: General ventilation normally adequate. **SPECIAL:** NA
PROTECTIVE GLOVES: Not needed in normal usage.
EYE PROTECTION: Not required under normal conditions, but always advisable when using chemical products.
WORK/HYGENIC PRACTICES: Where use can result in skin contact, wash exposed area thoroughly before eating, drinking, smoking, or in food preparation. Launder contaminated clothing before re-use.
OTHER PERSONAL PROTECTION: As required by employer policies.

Section 9: Physical and Chemical Properties

APPEARANCE: Colorless **ODOR:** Aromatic solvent (sweetish)
PHYSICAL STATE: Liquid **BOILING POINT (COF):** 281
VAPOR PRESSURE (mmHg): 6 **VAPOR DENSITY (AIR=1):** 3.7
SOLUBILITY IN WATER: Insoluble **MELTING POINT (°F):** -53
SPECIFIC GRAVITY: 0.85-0.88 **EVAPORATION RATE (ETHYL ACETATE =1):** NO
PARTITION COEFFICIENT OF WATER/OIL DISTRIBUTION: NO **pH:** NA

Section 10: Stability and Reactivity

STABILITY: Stable.
CONDITIONS TO AVOID: Heat, ignition sources (spark, flame), incompatible materials
HAZARDOUS DECOMPOSITION PRODUCTS: May include, but is not limited to oxides of carbon.
INCOMPATIBILITY: Oxidizers and reducers.
HAZARDOUS POLYMERIZATION: Will not occur.

Section 11: Toxicological Information

CARCINOGENICITY: ND
REPRODUCTIVE TOXICITY: ND
SKINTEX DATA: ND

NTP: No
TERATOGENICITY: ND

IARC MONOGRAPHS: No

OSHA REGULATED: No
MUTAGENICITY: ND

There is no LD₅₀ or LC₅₀ information available for humans. Xylenes has been shown to have acute oral toxicity when tested on mice (LD₅₀=2.2 g/kg) and acute dermal toxicity (LD₅₀=1.7 g/kg) when tested on rabbits. The product may contain trace amounts of byproducts or impurities, including ethylbenzene and naphthalene, which are known to the State of California to cause cancer.

Section 12: Ecological Information

WATER FOWL TOXICITY
BOD
AQUATIC TOXICITY

No data available for ingredients in this product.
No data available for ingredients in this product.
No data available for ingredients in this product.

Section 13: Disposal Considerations

DISPOSAL METHOD: Dispose of in accordance with all local, state, and Federal regulations.
CONTAINER DISPOSAL: Dispose of in accordance with all local, state, and Federal regulations.

Section 14: Transport Information

DOT Proper shipping name: Flammable Liquid N.O.S. (contains xylenes) Class 3, UN1993, PG III, ERG#128.
Gallons and less: Consumer Commodity, ORM-D
OCEAN (IMDG): Flammable Liquid, N.O.S. (contains xylenes), Class 3, UN1993, PG III, IMDG#3230, EMS#3-07.
AIR (IATA): Flammable Liquid N.O.S. (contains xylenes), Class 3, UN1993, PG III, ERG#128.
WHMIS (CANADA): Class B-2
UN Number: 1993
NAFTA HS Code: 3811.90.0000

Section 15: Regulatory Information

TSCA: All ingredients are listed on the TSCA inventory.
SARA 313: None listed.
CERCLA RQ: Xylenes (isomers and mixture) 1000 lbs.
RCRA CODE: NA.

Section 16: Other Information

THIS DOCUMENT IS PREPARED PURSUANT TO THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

LEGEND: ND = Not determined. NA = Not applicable.

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Date Prepared: October 17, 2008

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