

SAFETY DATA SHEET

Date Prepared : 05/13/2016
SDS No : 485

Twin EDM 3810

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Twin EDM 3810
GENERAL USE: Industrial lubricant

MANUFACTURER

Twin Specialties Corporation
15 E Ridge Pike Ste 210
Conshohocken, PA 19428
Customer Service: (610) 834-7900

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Aspiration Hazard, Category 1

GHS LABEL



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H304: May be fatal if swallowed and enters airways.

PRECAUTIONARY STATEMENTS

Response:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

P331: Do NOT induce vomiting.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with local/ regional/ national/ international regulations.

POTENTIAL HEALTH EFFECTS

EYES: May cause mild eye irritation.

SKIN: Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

INGESTION: Ingestion of this product is unlikely. However, if ingested the product may cause gastrointestinal irritation and disturbances.

INHALATION: May be fatal if swallowed and enters airways.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Distillates (petroleum), hydrotreated middle	70 - 100	64742-47-8

COMMENTS:

As per paragraph (i) of 29 CFR 1910.1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage

composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Keep away from spark, heat and open flames.

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water fog when fighting fires involving this material.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon may be produced.

FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Absorb spill with inert material. Collect material into appropriate container for disposal. Dispose of in accordance with Federal, State and local regulations.

SPECIAL PROTECTIVE EQUIPMENT: Wear suitable protective clothing, gloves and eye/face protection. Prevent further leakage or spillage if safe to do so.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes and skin. Wash thoroughly after handling.

STORAGE: Keep container tightly closed and in a cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m ³
Distillates (petroleum), hydrotreated middle	OSHA PEL	TWA		5
	ACGIH TLV	TWA		5

ENGINEERING CONTROLS: Provide local and general exhaust ventilation.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses

SKIN: Chemical resistant protective gloves

RESPIRATORY: If ventilation is not sufficient to prevent buildup of mists and vapors, wear appropriate NIOSH/MSHA respirator.

WORK HYGIENIC PRACTICES: Wash hands before breaks and at the end of work.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Mild

ODOR THRESHOLD: Not determined.

APPEARANCE: Liquid

COLOR: Colorless

pH: NA = Not Applicable

FLASH POINT AND METHOD: > (180°F) ASTM D 93

FLAMMABLE LIMITS: Not Available

VAPOR PRESSURE: < 1 mm Hg
VAPOR DENSITY: ~ 6.5 Air = 1
BOILING POINT: > (420°F)
FREEZING POINT: Not determined.
THERMAL DECOMPOSITION: Not determined.
SOLUBILITY IN WATER: Water insoluble
EVAPORATION RATE: < 0.01
SPECIFIC GRAVITY: 0.79
VISCOSITY: Not determined.

10. STABILITY AND REACTIVITY

REACTIVITY: Nonreactive.
STABILITY: Stable
CONDITIONS TO AVOID: Heat, flames and sparks.
POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reactions known.
HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.
INCOMPATIBLE MATERIALS: Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀
Distillates (petroleum), hydrotreated middle	> 15000 mg/kg	> 3160 mg/kg

CARCINOGENICITY

IARC: No components listed.
NTP: No components listed.
OSHA: No components listed.
GENERAL COMMENTS: Routes of exposure: skin, inhalation and eyes.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: None above reporting de minimis.

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: None above reporting de minimis.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All of the components in this product are either listed on or exempt from the Toxic Substance Control Act (TSCA) chemical substance inventory.

16. OTHER INFORMATION

Date Prepared: 03/13/2016

HMIS RATING

HEALTH	
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

MANUFACTURER DISCLAIMER:

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