



GH Berlin Windward  
866-946-3927  
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EDM FLUID

SDS Revision Date:

09/28/2015

## 1. Identification

### 1.1. Product identifier

**Product Identity** EDM Fluid

**Alternate Names** EDM Fluid

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** See Technical Data Sheet.

**Application Method** See Technical Data Sheet.

### 1.3. Details of the supplier of the safety data sheet

**Company Name** Northeast Products Company  
52 Ferry Street  
Fall River, MA, 02722

### Emergency

**CHEMTREC (USA)** (800) 424-9300

**24 hour Emergency Telephone No.** 1-800-225-8150

**Customer Service: Northeast Products Company** 1-800-225-8150

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

Skin Irrit. 2;H315 Causes skin irritation.

Asp. Tox. 1;H304 May be fatal if swallowed and enters airways.

### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



**Danger**

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.



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**[Prevention]:**

- P260 Do not breathe mist / vapors / spray.  
P262 Do not get in eyes, on skin, or on clothing.  
P264 Wash thoroughly after handling.  
P280 Wear protective gloves / eye protection / face protection.

**[Response]:**

- P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.  
P302+352 IF ON SKIN: Wash with plenty of soap and water.  
P321 Specific treatment (see information on this label).  
P331 Do NOT induce vomiting.  
P332+313 If skin irritation occurs: Get medical advice / attention.  
P362 Take off contaminated clothing and wash before reuse.

**[Storage]:**

- P405 Store locked up.

**[Disposal]:**

- P501 Dispose of contents / container in accordance with local / national regulations.

### 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Distillates (petroleum), hydrotreated middle Gasoil - unspecified CAS Number: 0064742-46-7	75 - 100	Asp. Tox. 1;H304 Skin Irrit. 2;H315	[1]
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified CAS Number: 0064742-52-5	10 - 25	Asp. Tox. 1;H304	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

### 4. First aid measures

**4.1. Description of first aid measures****General**

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.



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<b>Inhalation</b>	Remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. If irritation persists get medical attention.
<b>Eyes</b>	Flush immediately with water for at least 15 minutes.
<b>Skin</b>	Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation develops. Launder contaminated clothing before re-use and discard shoes and other leather articles saturated with the material.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Overview

Eyes: May cause eye irritation.  
Skin Absorption: No acute effects expected.  
Skin Contact: May cause skin irritation.  
Inhalation: May Cause respiratory irritation.  
Ingestion: LD 50 not established. Do not ingest.

May cause skin irritation. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, defatting, and cracking of the skin.

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

<b>Inhalation</b>	May be fatal if swallowed and enters airways.
<b>Chronic effects</b>	Note to physician. Treat symptomatically

## 5. Fire-fighting measures

### 5.1. Extinguishing media

CO<sub>2</sub>, dry chemical, or foam.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Smoke, Carbon monoxide and other products of incomplete combustion.

Do not breathe mist / vapors / spray.

Do not get in eyes, on skin, or on clothing.

### 5.3. Advice for fire-fighters

Recommend wearing self contained breathing apparatus.

ERG Guide No. ----



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**6. Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment (see section 8).

**6.2. Environmental precautions**

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

**6.3. Methods and material for containment and cleaning up**

Prevent entry into sewers and waterways. Pickup free liquid for recycling/disposal. Absorb small amounts on inert material for disposal.

**7. Handling and storage**

**7.1. Precautions for safe handling**

See section 2 for further details. - [Prevention]:

**7.2. Conditions for safe storage, including any incompatibilities**

Handle containers carefully to prevent damage and spillage.

Store inside building, away from potential sources of ignition.

Incompatible materials: Strong oxidizing agents and acids.

Keep away from potential sources of ignition. Keep containers closed when not in use. Avoid breathing vapors.

Containers retain material residue. Do not cut, weld, braze, solder, drill, grind or expose containers to heat, flame, spark, or other sources of ignition.

See section 2 for further details. - [Storage]:

**7.3. Specific end use(s)**

No data available.

**8. Exposure controls and personal protection**

**8.1. Control parameters**

CAS No.	Ingredient	Source	Value
0064742-46-7	Distillates (petroleum), hydrotreated middle Gasoil - unspecified	OSHA	5 mg/m3
		ACGIH	5 mg/m3
		NIOSH	5 mg/m3
		Supplier	No Established Limit
0064742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified	OSHA	5 mg/m3
		ACGIH	5 mg/m3
		NIOSH	No Established Limit



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	Supplier	No Established Limit
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Contains mineral oil. The exposure limits for oil mist are 5 mg/m3 OSHA PEL and 10 mg/m3 ACGIH.

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
0064742-46-7	Distillates (petroleum), hydrotreated middle Gasoil - unspecified	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0064742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

**8.2. Exposure controls**

**Respiratory**

Use NIOSH/MSHA approved full face respirator with an organic vapor cartridge if the recommended exposure limit is exceeded. Use self contained breathing apparatus for entry into confined space, or for other poorly ventilated areas.

**Eyes**

Chemical Goggles or faceshield.

**Skin**

Long sleeve shirt recommended. Do not wear rings, watches, or similar apparel that could entrap the material and cause a mild skin reaction. Wear Neoprene, Nitrile, or Viton gloves.

**Engineering Controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices**

Use local exhaust ventilation to control mists or vapors. Additional ventilation may be required to maintain air concentrations below recommended exposure limits. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

**9. Physical and chemical properties**

<b>Appearance</b>	Clear and Bright
<b>Odor</b>	petroleum odor
<b>Odor threshold</b>	Not determined
<b>pH</b>	Not Measured
<b>Melting point / freezing point</b>	Not Measured
<b>Initial boiling point and boiling range</b>	Not Measured
<b>Flash Point</b>	275°F Min COC
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable



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### Upper/lower flammability or explosive limits

**Lower Explosive Limit:** Not Measured

**Upper Explosive Limit:** Not Measured

### Vapor pressure (Pa)

Not Measured

### Vapor Density

Not Measured

### Specific Gravity

0.851

### Solubility in Water

Insoluble

### Partition coefficient n-octanol/water (Log Kow)

Not Measured

### Auto-ignition temperature

Not Measured

### Decomposition temperature

Not Measured

### Viscosity (cSt)

5-8 cSt - Typical

### 9.2. Other information

No other relevant information.

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Material is stable.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Potential sources of ignition.

### 10.5. Incompatible materials

Strong oxidizing agents and acids.

### 10.6. Hazardous decomposition products

Smoke, Carbon monoxide and other products of incomplete combustion.

## 11. Toxicological information

### Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in



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dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Distillates (petroleum), hydrotreated middle Gasoil - unspecified - (64742-46-7)	> 5,000.00, Rat - Category: NA	No data available	No data available	No data available	No data available
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified - (64742-52-5)	> 5,000.00, Rat - Category: NA	No data available	No data available	5.70, Rat - Category: NA	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	1	May be fatal if swallowed and enters airways.

## 12. Ecological information

### 12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details

#### Aquatic Ecotoxicity



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Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Distillates (petroleum), hydrotreated middle Gasoil - unspecified - (64742-46-7)	54.00, Jordanella floridae	68.00, Daphnia magna	Not Available
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified - (64742-52-5)	5,000.00, Oncorhynchus mykiss	1,000.00, Daphnia magna	1,000.00 (96 hr), Scenedesmus subspicatus

**12.2. Persistence and degradability**

There is no data available on the preparation itself.

**12.3. Bioaccumulative potential**

Not Measured

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**12.6. Other adverse effects**

No data available.

**13. Disposal considerations**

**13.1. Waste treatment methods**

Waste management should be in compliance with federal, state, and local laws.

**14. Transport information**

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	Not Applicable	Not Regulated	Not Regulated
<b>14.2. UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable
<b>14.4. Packing group</b>	Not Applicable	Not Applicable	Not Applicable
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: No		
<b>14.6. Special precautions for user</b>	No further information		





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## 15. Regulatory information

<b>Regulatory Overview</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>Toxic Substance Control Act ( TSCA)</b>	All components of this material are either listed or exempt from listing on the TSCA Inventory.
<b>WHMIS Classification</b>	D2B
<b>US EPA Tier II Hazards</b>	<p style="text-align: right;"><b>Fire:</b> No</p> <p style="text-align: center;"><b>Sudden Release of Pressure:</b> No</p> <p style="text-align: right;"><b>Reactive:</b> No</p> <p style="text-align: center;"><b>Immediate (Acute):</b> Yes</p> <p style="text-align: center;"><b>Delayed (Chronic):</b> No</p>

**EPCRA 311/312 Chemicals and RQs:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%) :**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Pennsylvania RTK Substances (>1%) :**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.



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The full text of the phrases appearing in section 3 is:

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of the Northeast Products Company's knowledge; however, Northeast Products Company makes no warranty whatsoever, expressed or implied, of MERCHANT ABILITY OR FITNESS FOR THE PARTICULAR PURPOSE, regarding the accuracy of such data or the results to be obtained from the use thereof. The Northeast Products Company assumes no responsibility for injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks.

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