

# SAFETY DATA SHEET

**EASTMAN**

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 08.09.2020
2.3	10.03.2025	150000093454	Date of first issue: 18.09.2013

---

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name : Therminol® SP Heat Transfer Fluid

Product code : 34147-00, P3414705, P3414703, E3414701

Product Registration Number : 01-2119485843-26-0005

Substance name : Benzene, mono-C10-13-alkyl derivs., distn. residues

CAS-No. : 84961-70-6

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

Use of the Sub-  
stance/Mixture : Heat transfer fluids

Recommended restrictions  
on use : None known.

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

Company : Eastman Chemical Company  
200 South Wilcox Drive  
37660-5147 Kingsport

Telephone : +14232292000

E-mail address of person  
responsible for the SDS : Visit our website at [www.EASTMAN.com](http://www.EASTMAN.com) or email  
[emnmsds@eastman.com](mailto:emnmsds@eastman.com) Visit our website at  
[www.EASTMAN.com](http://www.EASTMAN.com) or email [emnmsds@eastman.com](mailto:emnmsds@eastman.com)

#### 1.4 Emergency telephone number

For emergency health, safety, and environmental information: telephone, 800-EASTMAN or 423 229-4511 in the United States; or +44 (0)1235 239 670, in Europe., NCEC +44 (0)1235 239 670 For emergency transportation information, call +44(0)1235 239 670; or 800 964214 in England; 01800559700 in Eire; or 423-229-4511 in the United States. Identify the call as a transportation emergency.

---

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Aspiration hazard, Category 1 H304: May be fatal if swallowed and enters airways.

# SAFETY DATA SHEET

**EASTMAN**

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 08.09.2020
2.3	10.03.2025	150000093454	Date of first issue: 18.09.2013

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



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.  
P331 Do NOT induce vomiting.

#### **Storage:**

P405 Store locked up.

#### **Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Substance name : Benzene, mono-C10-13-alkyl derivs., distn. residues

CAS-No. : 84961-70-6

#### Components

Chemical name	CAS-No. EC-No.	Concentration (%) w/w)	M-Factor, SCL, ATE
Benzene, mono-C10-13-alkyl derivs., distn. residues	84961-70-6 284-660-7	100	

# SAFETY DATA SHEET

**EASTMAN**

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 08.09.2020
2.3	10.03.2025	150000093454	Date of first issue: 18.09.2013

---

*Eastman is committed to the safety, health and environment of our employees, our customers, and the communities we operate within. As part of this commitment, Eastman's Safety Data Sheets (SDS) are prepared in accordance with all applicable national and local regulations. The compositions of our documents reflect these requirements which include, but are not limited to, requirements under the Globally Harmonized System of Classification and Labeling (GHS). These compositions commonly involve the use of ranges versus specific analytical values. If you require a composition that is more specific, please refer to the Certificate of Analysis, sales specification, or contact your Customer Service Representative.*

---

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- If inhaled : Remove person to fresh air and keep comfortable for breathing.  
If breathing is difficult, give oxygen.  
Get medical attention if symptoms occur.
- In case of skin contact : Wash off with soap and plenty of water.  
If skin irritation occurs: Get medical advice/ attention.  
Wash contaminated clothing before reuse.
- In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.  
Get medical attention if symptoms occur.
- If swallowed : Call a physician or poison control centre immediately.  
Do NOT induce vomiting.  
Rinse mouth.  
Never give anything by mouth to an unconscious person.

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

- Symptoms : Aspiration hazard  
Causes mild skin irritation.  
The molten product can cause serious burns.

#### 4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
Do NOT induce vomiting.  
Treat symptomatically.
- 

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- Suitable extinguishing media : Water spray  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
-

# SAFETY DATA SHEET

**EASTMAN**

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 08.09.2020
2.3	10.03.2025	150000093454	Date of first issue: 18.09.2013

Foam

Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

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

Hazardous combustion products : Hazardous decomposition products due to incomplete combustion  
Carbon oxides

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

Further information : Use a water spray to cool fully closed containers.  
Do not allow run-off from fire fighting to enter drains or water courses.

---

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Ventilate the area.  
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
Avoid contact with skin and eyes.  
Material can create slippery conditions.  
Wear appropriate personal protective equipment.  
Local authorities should be advised if significant spillages cannot be contained.

### 6.2 Environmental precautions

Environmental precautions : Clear up spills immediately and dispose of waste safely.  
Avoid release to the environment.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

### 6.4 Reference to other sections

For personal protection see section 8.

---

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapors or spray mist.  
Handle product only in closed system or provide appropriate

# SAFETY DATA SHEET

**EASTMAN**

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 08.09.2020
2.3	10.03.2025	150000093454	Date of first issue: 18.09.2013

exhaust ventilation at machinery.  
In case of insufficient ventilation, wear suitable respiratory equipment.  
Keep away from flames and sparks.  
Wear appropriate personal protective equipment.  
Avoid contact with skin, eyes and clothing.  
Wash thoroughly after handling.  
Wash contaminated clothing before reuse.  
Drain or remove substance from equipment prior to break-in or maintenance.  
Handle in accordance with good industrial hygiene and safety practice.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Keep in a cool place away from oxidizing agents.

### 7.3 Specific end use(s)

Specific use(s) : [www.therminol.com/products/](http://www.therminol.com/products/)

See section 15 for more information.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006

Substance name	End Use	Exposure routes	Potential health effects	Value
Benzene, mono-C10-13-alkyl derivs., distn. residues	Workers	Dermal	Long-term systemic effects	4,3 mg/kg bw/day
	Workers	Inhalation	Long-term systemic effects	3,2 mg/m3
	General Population	Oral	Long-term systemic effects	0,23 mg/kg bw/day
	General Population	Dermal	Long-term systemic effects	2,2 mg/kg bw/day
	General Population	Inhalation	Long-term systemic effects	1,6 mg/m3

#### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006

Substance name	Environmental Compartment	Value
Benzene, mono-C10-13-alkyl derivs., distn. residues	Fresh water	0,00075 mg/l
	Marine water	0,000075 mg/l
	Aqua Intermittent	0,001 mg/l
	Fresh water sediment	1,65 mg/kg dry

# SAFETY DATA SHEET

**EASTMAN**

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version 2.3      Revision Date: 10.03.2025      SDS Number: 150000093454      Date of last issue: 08.09.2020  
Date of first issue: 18.09.2013

		weight (d.w.)
	Marine sediment	0,165 mg/kg dry weight (d.w.)
	Soil	0,329 mg/kg dry weight (d.w.)
	Sewage treatment plant	2 mg/l

### 8.2 Exposure controls

#### Engineering measures

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

#### Personal protective equipment

Eye/face protection : Wear safety glasses with side shields (or goggles).

Hand protection

Remarks : Wear suitable gloves. When handling hot material, use heat resistant gloves.  
See Solutia Glove Facts for permeation data. The break-through time of the glove material, with regard to the amount and duration of dermal exposure: > 8 hours. Recommended gloves:

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary.  
Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable.  
If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Protective measures : Ensure that eye flushing systems and safety showers are located close to the working place.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : liquid

Colour : yellow

# SAFETY DATA SHEET

**EASTMAN**

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 08.09.2020
2.3	10.03.2025	150000093454	Date of first issue: 18.09.2013

---

Odour	:	characteristic
Odour Threshold	:	not determined
Melting point/freezing point	:	< -40 °C
Pour point	:	-54 °C
Boiling point/boiling range	:	351 °C
Flammability	:	Not applicable
Upper explosion limit / Upper flammability limit	:	not determined
Lower explosion limit / Lower flammability limit	:	not determined
Flash point	:	177 °C Method: Cleveland open cup  166 °C Method: Pensky-Martens closed cup
Auto-ignition temperature	:	not determined
Decomposition temperature	:	not determined
pH	:	Not applicable
Viscosity	:	
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	>= 19,0 mm <sup>2</sup> /s (40 °C)  3,52 mm <sup>2</sup> /s (100 °C)
Solubility(ies)	:	
Water solubility	:	< 0,1 mg/l



# SAFETY DATA SHEET

**EASTMAN**

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 08.09.2020
2.3	10.03.2025	150000093454	Date of first issue: 18.09.2013

Keep away from flames and sparks.

### 10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents

### 10.6 Hazardous decomposition products

Emits acrid smoke and fumes when heated to decomposition.

---

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Not classified based on available information.

#### Components:

##### **Benzene, mono-C10-13-alkyl derivs., distn. residues:**

Acute oral toxicity : LD50 Oral (Rat, male and female): > 2.000 mg/kg  
Method: OECD Test Guideline 401  
Assessment: Not classified

Acute dermal toxicity : LD50 Dermal (Rat, male and female): > 3.600 mg/kg  
Method: OECD Test Guideline 402  
Assessment: Not classified  
Remarks: (highest dose tested)

#### Skin corrosion/irritation

Not classified based on available information.

#### Components:

##### **Benzene, mono-C10-13-alkyl derivs., distn. residues:**

Species : Rabbit  
Exposure time : 4 h  
Method : OECD Test Guideline 404  
Result : Mild skin irritation

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Components:

##### **Benzene, mono-C10-13-alkyl derivs., distn. residues:**

Species : Rabbit  
Assessment : Not classified  
Method : Acute Eye Irritation / Corrosion  
Result : slight irritation

# SAFETY DATA SHEET

**EASTMAN**

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version 2.3      Revision Date: 10.03.2025      SDS Number: 150000093454      Date of last issue: 08.09.2020  
Date of first issue: 18.09.2013

---

### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified based on available information.

#### Respiratory sensitisation

Not classified based on available information.

#### Components:

##### **Benzene, mono-C10-13-alkyl derivs., distn. residues:**

Test Type : Skin Sensitization  
Species : Guinea pig  
Assessment : Not classified  
Method : OECD 406: Guinea pig sensitization  
Result : non-sensitizing

#### Germ cell mutagenicity

Not classified based on available information.

#### Components:

##### **Benzene, mono-C10-13-alkyl derivs., distn. residues:**

Genotoxicity in vitro : Test Type: Salmonella typhimurium assay (Ames test)  
Metabolic activation: +/- activation  
Method: Bacterial Reverse Mutation Assay  
Result: negative

Test Type: Mutagenicity - Mammalian  
Metabolic activation: +/- activation  
Method: In vitro Mammalian Chromosome Aberration Test  
Result: negative

Test Type: Mutagenicity - Mammalian  
Metabolic activation: +/- activation  
Method: In vitro Mammalian Cell Gene Mutation Test  
Result: negative

#### Carcinogenicity

Not classified based on available information.

#### Reproductive toxicity

Not classified based on available information.

#### Product:

Effects on fertility : Remarks: No data available

#### STOT - single exposure

Not classified based on available information.

# SAFETY DATA SHEET

**EASTMAN**

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 08.09.2020
2.3	10.03.2025	150000093454	Date of first issue: 18.09.2013

---

### Components:

#### **Benzene, mono-C10-13-alkyl derivs., distn. residues:**

Exposure routes : Inhalation  
Assessment : Not classified

#### **STOT - repeated exposure**

Not classified based on available information.

### Components:

#### **Benzene, mono-C10-13-alkyl derivs., distn. residues:**

Exposure routes : Oral  
Assessment : Not classified

#### **Repeated dose toxicity**

### Components:

#### **Benzene, mono-C10-13-alkyl derivs., distn. residues:**

Species : Rat, male and female  
NOAEL : 500 mg/l  
Application Route : by gavage  
Method : OECD Test No. 422: Combined Repeated Dose Toxicity  
Study with the Reproduction/Developmental Toxicity Screening Test

Species : Rat, male and female  
: 45 mg/l  
Application Route : in feed  
Exposure time : 90 days  
Method : OECD Test Guideline 408

#### **Aspiration toxicity**

May be fatal if swallowed and enters airways.

### Components:

#### **Benzene, mono-C10-13-alkyl derivs., distn. residues:**

May be fatal if swallowed and enters airways.

## 11.2 Information on other hazards

### **Endocrine disrupting properties**

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

# SAFETY DATA SHEET

**EASTMAN**

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 08.09.2020
2.3	10.03.2025	150000093454	Date of first issue: 18.09.2013

### Experience with human exposure

#### Product:

Inhalation	:	Remarks: At elevated temperatures, vapor may cause allergic respiratory reaction.
Skin contact	:	Remarks: None known.
Eye contact	:	Remarks: None known.
Ingestion	:	Remarks: May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### **Benzene, mono-C10-13-alkyl derivs., distn. residues:**

Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l Exposure time: 96 h Method: EL50 method of the water accommodated fraction (W.A.F.) Remarks: (nominal concentration)  NOEC: (Danio rerio (zebra fish)): > 10 µg/l Exposure time: 14 d Remarks: (saturated concentration; limited solubility)
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 0,1 mg/l Exposure time: 48 h Test Type: Immobilization Remarks: (saturated concentration; limited solubility)  NOEC: : > 0,1 mg/l
Toxicity to algae/aquatic plants	:	ErC50 : > 2,08 mg/l Exposure time: 72 h Test Type: Growth inhibition Remarks: (limit of solubility in fresh water)  NOEC : > 2,08 mg/l
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	EC50: 0,012 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea)  NOEC: 0,0075 mg/l

### 12.2 Persistence and degradability

#### Product:

# SAFETY DATA SHEET

**EASTMAN**

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 08.09.2020
2.3	10.03.2025	150000093454	Date of first issue: 18.09.2013

---

Biochemical Oxygen Demand (BOD) : Remarks: No data available

Chemical Oxygen Demand (COD) : Remarks: No data available

BOD/COD : Remarks: No data available

### Components:

#### **Benzene, mono-C10-13-alkyl derivs., distn. residues:**

Biodegradability : Result: Not readily biodegradable.  
Biodegradation: 28 %  
Exposure time: 28 d

### 12.3 Bioaccumulative potential

#### Components:

#### **Benzene, mono-C10-13-alkyl derivs., distn. residues:**

Bioaccumulation : Bioconcentration factor (BCF): 3,12

Partition coefficient: n-octanol/water : log Pow: 6,6

### 12.4 Mobility in soil

#### Components:

#### **Benzene, mono-C10-13-alkyl derivs., distn. residues:**

Distribution among environmental compartments : log Koc: 6,3 - 8,4

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

# SAFETY DATA SHEET

**EASTMAN**

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 08.09.2020
2.3	10.03.2025	150000093454	Date of first issue: 18.09.2013

### 12.7 Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Dispose of in accordance with local regulations.

## SECTION 14: Transport information

### 14.1 UN number or ID number

ADN : Not regulated as a dangerous good  
ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA : Not regulated as a dangerous good

### 14.2 UN proper shipping name

ADN : Not regulated as a dangerous good  
ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA : Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

ADN : Not regulated as a dangerous good  
ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA : Not regulated as a dangerous good

### 14.4 Packing group

ADN : Not regulated as a dangerous good  
ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA (Cargo) : Not regulated as a dangerous good  
IATA (Passenger) : Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

# SAFETY DATA SHEET

**EASTMAN**

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 08.09.2020
2.3	10.03.2025	150000093454	Date of first issue: 18.09.2013

### 14.6 Special precautions for user

Not applicable

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : Not applicable

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Not applicable

#### The components of this product are reported in the following inventories:

TCSI : On the inventory, or in compliance with the inventory

TSCA : All substances listed as active on the TSCA inventory

AICS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

NZIoC : On the inventory, or in compliance with the inventory

### 15.2 Chemical safety assessment

YES

# SAFETY DATA SHEET

**EASTMAN**

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 08.09.2020
2.3	10.03.2025	150000093454	Date of first issue: 18.09.2013

### SECTION 16: Other information

#### Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

#### Further information

Sources of key data used to : [www.therminol.com/products/](http://www.therminol.com/products/)  
compile the Safety Data  
Sheet

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

ZW / EN

# SAFETY DATA SHEET



according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

## Therminol® SP Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 08.09.2020
2.3	10.03.2025	150000093454	Date of first issue: 18.09.2013

---

## Annex: Exposure Scenarios

### Table of Contents

Number	Title
--------	-------