

# SAFETY DATA SHEET

**EASTMAN**

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

## Therminol® 59 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 14.11.2025
4.4	21.11.2025	150000093435	Date of first issue: 18.09.2013

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

#### 1.1 Product identifier

Trade name : Therminol® 59 Heat Transfer Fluid

Product code : 34128-00, P3412807, P3412801, P3412800, P3412804,  
P3412806, P3412808, P3412811, E3412801

Product Registration Number : 01-2119472547-29-0001

Substance name : Benzene, ethylenated, by-products from

CAS-No. : 68608-82-2

#### 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  
Kingsport TN 37660-5147

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)

#### 1.4 Emergency telephone number

NCEC +44 (0)1235 239 670

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

Skin irritation, Category 2	H315: Causes skin irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Aspiration hazard, Category 1	H304: May be fatal if swallowed and enters airways.
Short-term (acute) aquatic hazard, Cate-	H400: Very toxic to aquatic life.

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Long-term (chronic) aquatic hazard, Category 1

H410: Very toxic to aquatic life with long lasting effects.

### 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.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**  
P261 Avoid breathing mist or vapours.  
P273 Avoid release to the environment.  
P280 Wear protective gloves.  
**Response:**  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P331 Do NOT induce vomiting.  
P391 Collect spillage.

### 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, ethylenated, by-products from  
CAS-No. : 68608-82-2

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### Components

Chemical name	CAS-No. EC-No.	Concentration (% w/w)	M-Factor, SCL, ATE
Benzene, ethylenated, by-products from	68608-82-2 271-802-8	>= 90 - <= 100	M-Factor (Acute aquatic toxicity): 1

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.  
Get medical attention if symptoms occur.  
If breathing is difficult, give oxygen.
- In case of skin contact : Wash off with soap and plenty of water.  
Get medical attention if symptoms occur.  
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 : Immediately call a POISON CENTER/ doctor.  
Do NOT induce vomiting.

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

- Symptoms : Aspiration hazard  
May cause an allergic skin reaction.  
Causes skin irritation.  
The molten product can cause serious burns.

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

- Treatment : Do NOT induce vomiting.  
Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

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

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### SECTION 6: Accidental release measures

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

Personal precautions : Remove all sources of ignition.  
Ventilate the area.  
Do not breathe vapors or spray mist.  
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.  
Collect spillage.

#### 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).

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### 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 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 : Keep container tightly closed in a dry and well-ventilated areas and containers 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/)

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

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

Substance name	End Use	Exposure routes	Potential health effects	Value
Benzene, ethylenated, by-products from	Workers	Inhalation	Short-term exposure, Systemic effects	33 mg/m <sup>3</sup>
	Workers	Inhalation	Long-term exposure, Systemic effects	4 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term exposure, Systemic effects	8,9 mg/kg bw/day

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

Substance name	Environmental Compartment	Value
Benzene, ethylenated, by-products from	Fresh water	0,00003 mg/l
	Marine water	0,000003 mg/l

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	Aqua Intermittent	0,0003 mg/l
	Fresh water sediment	0,015 mg/kg
	Remarks:dry	
	Marine sediment	0,0015 mg/kg
	Remarks:dry	
	Soil	0,003 mg/kg
	Remarks:dry	
	Sewage treatment plant	1 mg/l
	Secondary Poisoning	1,3 mg/kg
	Remarks:food	

### 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

Material : 1)

Material : Neoprene

Material : Nitrile rubber

Material : PVC

Remarks : Wear suitable gloves. When handling hot material, use heat resistant gloves. After contamination with product change the gloves immediately and dispose of them according to relevant national and local regulations.  
1) In case of contact through splashing: The breakthrough time of the glove material, with regard to the amount and duration of dermal exposure: 1 to 4 hours.

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

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located close to the working place.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Form	:	liquid
Colour	:	light yellow
Odour	:	aromatic, hydrocarbon-like
Odour Threshold	:	not determined
Pour point	:	-68 °C (1.013 hPa)
Boiling point/boiling range	:	289 °C (1.013 hPa)
Flammability	:	Not applicable
Upper explosion limit / Upper flammability limit	:	not determined
Lower explosion limit / Lower flammability limit	:	not determined
Flash point	:	132 °C Method: Pensky-Martens closed cup  138 °C Method: Cleveland open cup
Auto-ignition temperature	:	not determined
Decomposition temperature	:	not determined
pH	:	not determined

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Viscosity		
Viscosity, dynamic	:	not determined
Viscosity, kinematic	:	4,0 mm <sup>2</sup> /s (40 °C)
Solubility(ies)		
Water solubility	:	0,55 mg/l (25 °C)
Vapour pressure	:	0,15 Pa (25 °C)
Relative density	:	0,979 (25 °C)
Density	:	971 kg/m <sup>3</sup> (25 °C)
Relative vapour density	:	not determined

### 9.2 Other information

Explosives	:	Not classified
Oxidizing properties	:	Not classified
Self-ignition	:	372 °C Method: ASTM E659
Evaporation rate	:	not determined

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

None reasonably foreseeable.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	:	None known.
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### 10.4 Conditions to avoid

Conditions to avoid	:	Heating in air.
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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.

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## 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, ethylenated, by-products from:**

Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 1,6 mg/l Exposure time: 1 h Assessment: The substance or mixture has no acute inhalation toxicity
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 5.000 mg/kg

#### Skin corrosion/irritation

Causes skin irritation.

#### Components:

##### **Benzene, ethylenated, by-products from:**

Species	:	Rabbit
Exposure time	:	24 h
Assessment	:	Moderate
Result	:	Irritating to skin.

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Components:

##### **Benzene, ethylenated, by-products from:**

Species	:	Rabbit
Assessment	:	Not classified
Result	:	No eye irritation

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### Respiratory or skin sensitisation

#### Skin sensitisation

May cause an allergic skin reaction.

#### Respiratory sensitisation

Not classified based on available information.

#### Components:

##### **Benzene, ethylenated, by-products from:**

Test Type	:	Skin sensitisation
Species	:	Mouse
Result	:	May cause sensitization by skin contact.

### Germ cell mutagenicity

Not classified based on available information.

#### Components:

##### **Benzene, ethylenated, by-products from:**

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.

#### Product:

Remarks : This information is not available.

### 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.

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### Components:

#### **Benzene, ethylenated, by-products from:**

Exposure routes : inhalation (dust/mist/fume)  
Assessment : Not classified

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

Not classified based on available information.

### Components:

#### **Benzene, ethylenated, by-products from:**

Assessment : Not classified

#### **Repeated dose toxicity**

### Components:

#### **Benzene, ethylenated, by-products from:**

Species : Rat  
NOAEL : 20 mg/kg  
Application Route : by gavage  
Exposure time : 14 d

Species : Rat  
: 20 mg/m<sup>3</sup>  
Application Route : Inhalation  
Exposure time : 28 d

#### **Aspiration toxicity**

May be fatal if swallowed and enters airways.

### Components:

#### **Benzene, ethylenated, by-products from:**

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.

### **Experience with human exposure**

#### Product:

Inhalation : Remarks: None known.

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Skin contact : Remarks: Causes skin irritation.  
May cause an allergic skin reaction.

Eye contact : Remarks: None known.

Ingestion : Remarks: May be fatal if swallowed and enters airways.

### Further information

**Product:**

Remarks : None known.

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## SECTION 12: Ecological information

### 12.1 Toxicity

**Components:**

**Benzene, ethylenated, by-products from:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 0,97 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : LC50 (Ceriodaphnia dubia (water flea)): 0,029 mg/l  
aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic : EC50 (Pseudokirchneriella subcapitata (algae)): 0,485 mg/l  
plants Exposure time: 72 h

NOEC (Pseudokirchneriella subcapitata (algae)): 0,0959 mg/l  
Exposure time: 72 h

M-Factor (Acute aquatic tox- : 1  
icity)

### 12.2 Persistence and degradability

**Components:**

**Benzene, ethylenated, by-products from:**

Biodegradability : Result: Inherently biodegradable.

### 12.3 Bioaccumulative potential

**Components:**

**Benzene, ethylenated, by-products from:**

Bioaccumulation : Bioconcentration factor (BCF): 250 - 1.090

Partition coefficient: n- : Pow: 12.000 - 1.020.000  
octanol/water log Pow: 4,08 - 6,01

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### 12.4 Mobility in soil

#### Components:

#### **Benzene, ethylenated, by-products from:**

Distribution among environmental compartments : log K<sub>oc</sub>: 3,7

### 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.

No data available

### 12.7 Other adverse effects

No data available

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Dispose of in accordance with local regulations.

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## SECTION 14: Transport information

### 14.1 UN number or ID number

ADN	:	UN 3082
ADR	:	UN 3082
IMDG	:	UN 3082
IATA	:	UN 3082

### 14.2 UN proper shipping name

ADN : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

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(Benzene, ethylenated, by-products from)

**ADR** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Benzene, ethylenated, by-products from)

**IMDG** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Benzene, ethylenated, by-products from)

**IATA** : Environmentally hazardous substance, liquid, n.o.s.  
(Benzene, ethylenated, by-products from)

### 14.3 Transport hazard class(es)

	Class	Subsidiary risks
<b>ADN</b>	: 9	
<b>ADR</b>	: 9	
<b>IMDG</b>	: 9	
<b>IATA</b>	: 9	

### 14.4 Packing group

**ADN**  
Packing group : III  
Classification Code : M6  
Hazard Identification Number : 90  
Labels : 9

**ADR**  
Packing group : III  
Classification Code : M6  
Hazard Identification Number : 90  
Labels : 9  
Tunnel restriction code : (-)

**IMDG**  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F  
Remarks : Shipping in package sizes of less than 5 L (liquids) or 5 KG (solids) may lead to a non-regulated classification.

**IATA (Cargo)**  
Packing instruction (cargo aircraft) : 964  
Packing instruction (LQ) : Y964  
Packing group : III  
Labels : Miscellaneous  
Remarks : Shipping in package sizes of less than 5 L (liquids) or 5 KG (solids) may lead to a non-regulated classification.

### IATA (Passenger)

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Packing instruction (passenger aircraft)	:	964
Packing instruction (LQ)	:	Y964
Packing group	:	III
Labels	:	Miscellaneous
Remarks	:	Shipping in package sizes of less than 5 L (liquids) or 5 KG (solids) may lead to a non-regulated classification.

### 14.5 Environmental hazards

#### ADN

Environmentally hazardous : yes

#### ADR

Environmentally hazardous : yes

#### IMDG

Marine pollutant : yes

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

Not applicable for product as supplied.

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## SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	:	Conditions of restriction for the following entries should be considered: Number on list 3
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

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Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. E1 ENVIRONMENTAL HAZARDS

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

### Other regulations:

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where 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  
AIIIC : On the inventory, or in compliance with the inventory  
DSL : All components of this product are on the Canadian DSL  
ENCS : On the inventory, or in compliance with the inventory  
ISHL : On the inventory, or in compliance with the inventory  
KECI : On the inventory, or in compliance with the inventory  
IECSC : On the inventory, or in compliance with the inventory  
TECI : On the inventory, or in compliance with the inventory

### 15.2 Chemical safety assessment

YES

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## 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 Standardization; 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 - Emergen-

# SAFETY DATA SHEET

**EASTMAN**

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

## Therminol® 59 Heat Transfer Fluid

PRD / SDSEU / EN / 0001

Version	Revision Date:	SDS Number:	Date of last issue: 14.11.2025
4.4	21.11.2025	150000093435	Date of first issue: 18.09.2013

cy 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 Organization 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, Authorization 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.

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## Annex: Exposure Scenarios

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