

## SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

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

#### 1.1 Product identifier

**Product name:** MOLYPAUL ST994

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

**Identified uses:** Lubricants

**Uses advised against:** No uses advised against identified.

US Distributor

Fuchs Lubricants Co.

17050 Lathrop Avenue

Harvey, IL 60426

(708) 333-8900

(800) 255-3924 24 hrs Emergency

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

**Manufacturer / Supplier**

FUCHS LUBRITECH GmbH  
Werner-Heisenberg-Strasse 1  
67661 Kaiserslautern

Telephone:

+49 (0) 6301 3206-0

Fax:

+49 (0) 6301 3206-940

**Contact Person:**

FUCHS LUBRITECH GmbH - Product Safety Management

E-mail:

flt.reach@fuchs.com

Telephone:

+49 (0) 6301 3206-0

Fax:

+49 (0) 6301 3206-940

**1.4 Emergency telephone number:** +49 (0) 6301 3206-0

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**||** The product has been classified and labelled as hazardous according to regulation (EU) 1272/2008 (CLP).

**Classification according to Regulation (EC) No 1272/2008 as amended.**

**Health Hazards**

**||** Skin sensitizer

Category 1

H317: May cause an allergic skin reaction.

**Hazard summary**

**Physical Hazards:**

No data available.

#### 2.2 Label Elements

**Contains:**

Isothiazolone derivative

Product name: MOLYPAUL ST994



**Signal Words:** Warning

**Hazard Statement(s):** H317: May cause an allergic skin reaction.

#### Precautionary Statements

**Prevention:** P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

#### Supplemental label information

EUH208: Contains: Isothiazolinone derivative. May produce an allergic reaction.

**2.3 Other hazards:** By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept. The product may not be released into the environment without control.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

**General information:** Mixture of the substances listed below with harmless additions.

Chemical name	Identifier	Concentration *	REACH Registration No.	Notes
Isothiazolone derivative	EINECS: 220-239-6	0,002% - <0,10%	01-2120764690-50	
Pyrrithione zinc	EINECS: 236-671-3	0,01% - <0,10%		

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

**Product name:** MOLYPAUL ST994

### Classification

Chemical name	Identifier	Classification
Isothiazolone derivative	EINECS: 220-239-6	CLP: Acute Tox. 2;H330, Acute Tox. 3;H311, Acute Tox. 3;H301, Skin Corr. 1B;H314, Eye Dam. 1;H318, Skin Sens. 1A;H317, Aquatic Acute 1;H400, Aquatic Chronic 1;H410; M-Factor (aquatic acute): 10; M-Factor (aquatic chronic): 1
Pyrithione zinc	EINECS: 236-671-3	CLP: Acute Tox. 3;H301, Acute Tox. 2;H330, Eye Dam. 1;H318, Aquatic Acute 1;H400, Aquatic Chronic 1;H410; M-Factor (aquatic acute): 100; M-Factor (aquatic chronic): 10

CLP: Regulation No. 1272/2008.

### specific concentration limit

Chemical name	Identifier	specific concentration limit	Hazard class	Hazard Category	Hazard statements
Isothiazolone derivative	EINECS: 220-239-6	$\geq 0,0015$ %	Skin sensitizer	1A	H317

For the wording of the listed hazard statements refer to section 16.

## SECTION 4: First aid measures

**General:** Instantly remove any clothing soiled by the product.

### 4.1 Description of first aid measures

**Inhalation:** Supply fresh air; consult doctor in case of symptoms.

**Eye contact:** Promptly wash eyes with plenty of water while lifting the eye lids.

**Skin Contact:** Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get medical attention.

**Ingestion:** Rinse mouth thoroughly.

**4.2 Most important symptoms and effects, both acute and delayed:** Suspected to cause hypersensitivity and allergy.

**4.3 Indication of any immediate medical attention and special treatment needed** Symptoms may be delayed.

## SECTION 5: Firefighting measures

**General Fire Hazards:** None (non-combustible). Use fire fighting measures that suit the environment.

**Product name:** MOLYPAUL ST994

#### 5.1 Extinguishing media

**Suitable extinguishing media:** CO<sub>2</sub>, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added

**Unsuitable extinguishing media:** Water with a full water jet.

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

No data available.

#### 5.3 Advice for firefighters

**Special fire fighting procedures:** Generally this product is not burnable on account of its water content.

**Special protective equipment for fire-fighters:** Use standard firefighting procedures and consider the hazards of other involved materials.

### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures:** In case of spills, beware of slippery floors and surfaces.

**6.2 Environmental Precautions:** Prevent from spreading (e.g. by binding or oil barriers).

**6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acidbinders, universal binders, sawdust).

**6.4 Reference to other sections:** See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on disposal.

### SECTION 7: Handling and storage:

**7.1 Precautions for safe handling:** Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products. Prevent formation of aerosols. Observe good industrial hygiene practices. Provide adequate ventilation.

**7.2 Conditions for safe storage, including any incompatibilities:** Local regulations concerning handling and storage of waterpolluting products have to be followed. Prevent formation of aerosols. Store above freezing. Local regulations concerning handling and storage of waterpolluting products have to be followed.

**7.3 Specific end use(s):** Not applicable

**Storage Class:** 12, Non-combustible liquids

**Product name:** MOLYPAUL ST994

## SECTION 8: Exposure controls/personal protection

### 8.1 Control Parameters

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

### 8.2 Exposure controls

#### Appropriate engineering controls:

Provide adequate ventilation. 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.

#### Individual protection measures, such as personal protective equipment

##### General information:

Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.

##### Eye/face protection:

Avoid contact with skin and eyes. Goggles/face shield are recommended. If risk of splashing, wear safety goggles or face shield.

##### Skin protection

##### Hand Protection:

Material: Nitrile butyl rubber (NBR).  
Min. Breakthrough time:  $\geq 480$  min  
Recommended thickness of the material:  $\geq 0,38$  mm

Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

##### Other:

Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

##### Respiratory Protection:

Ensure good ventilation/exhaustion at the workplace. Avoid breathing vapour/ aerosol.

##### Thermal hazards:

Not known.

##### Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

##### Environmental Controls:

No data available.

## SECTION 9: Physical and chemical properties

**Product name:** MOLYPAUL ST994

### 9.1 Information on basic physical and chemical properties

#### Appearance

Physical state:	liquid
Form:	liquid
Color:	Black
Odor:	Characteristic
Odor Threshold:	Not applicable for mixtures
pH:	7,0 (, 20 °C)
Freezing point:	0 °C
Boiling Point:	100 °C
Flash Point:	Not applicable
Evaporation Rate:	Not applicable for mixtures
Flammability (solid, gas):	Value not relevant for classification
Flammability Limit - Upper (%)-:	Value not relevant for classification
Flammability Limit - Lower (%)-:	Value not relevant for classification
Vapor pressure:	Not applicable for mixtures
Vapor density (air=1):	Not applicable for mixtures
Density:	1,30 g/cm <sup>3</sup> (15 °C)
Solubility(ies)	
Solubility in Water:	Soluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	Not applicable for mixtures
Autoignition Temperature:	Value not relevant for classification
Decomposition Temperature:	Value not relevant for classification
Flow time	Value not relevant for classification
Explosive properties:	Value not relevant for classification
Oxidizing properties:	Value not relevant for classification

### 9.2 Other information

No data available.

## SECTION 10: Stability and reactivity

10.1 Reactivity:	Stable under normal temperature conditions and recommended use.
10.2 Chemical Stability:	No data available.
10.3 Possibility of hazardous reactions:	None under normal conditions.
10.4 Conditions to avoid:	Avoid heat or contamination.
10.5 Incompatible Materials:	Strong oxidizing substances. Strong acids. Strong bases.
10.6 Hazardous Decomposition Products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

## SECTION 11: Toxicological information

### Information on likely routes of exposure

**Product name:** MOLYPAUL ST994

---

<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Skin Contact:</b>	May cause an allergic skin reaction.
<b>Eye contact:</b>	No data available.

#### 11.1 Information on toxicological effects

##### Acute toxicity

###### Oral

**Product:** Not classified for acute toxicity based on available data.

###### Dermal

**Product:** Not classified for acute toxicity based on available data.

###### Inhalation

**Product:** Not classified for acute toxicity based on available data.

###### Skin Corrosion/Irritation:

**Product:** Based on available data, the classification criteria are not met.

###### Serious Eye Damage/Eye Irritation:

**Product:** Based on available data, the classification criteria are not met.

###### Respiratory or Skin Sensitization:

**Product:** Skin sensitizer: Based on available data, the classification criteria are met.  
Respiratory sensitizer: Based on available data, the classification criteria are not met.

###### Germ Cell Mutagenicity

**Product:** Based on available data, the classification criteria are not met.

###### Carcinogenicity

**Product:** Based on available data, the classification criteria are not met.

###### Reproductive toxicity

**Product:** Based on available data, the classification criteria are not met.

###### Specific Target Organ Toxicity - Single Exposure

**Product:** Based on available data, the classification criteria are not met.

###### Specific Target Organ Toxicity - Repeated Exposure

**Product:** Based on available data, the classification criteria are not met.

###### Aspiration Hazard

**Product:** Based on available data, the classification criteria are not met.

**Product name:** MOLYPAUL ST994

**Other adverse effects:** No data available.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Acute toxicity

**Product:** Based on available data, the classification criteria are not met.

#### Fish

##### Specified substance(s)

Pyrithione zinc LC 50 (Fish, 96 h): 0,003 mg/l (OECD 203)

#### Aquatic Invertebrates

##### Specified substance(s)

Pyrithione zinc EC 50 (Water Flea, 48 h): 0,006 mg/l (OECD 202)

**Chronic ToxicityProduct:** Based on available data, the classification criteria are not met.

#### Fish

##### Specified substance(s)

Pyrithione zinc NOEC (Fish, 28 d): 0,00125 mg/l (OECD 215)

#### Aquatic Invertebrates

##### Specified substance(s)

Pyrithione zinc NOEC (Water Flea, 21 d): 0,00213 mg/l (OECD 211)

### 12.2 Persistence and Degradability

#### Biodegradation

**Product:** Not applicable for mixtures

### 12.3 Bioaccumulative potential

**Product:** Not applicable for mixtures

### 12.4 Mobility in soil:

**Product:** Not applicable for mixtures

### 12.5 Results of PBT and vPvB assessment:

The product does not contain any substances fulfilling the PBT/vPvB criteria.

**12.6 Other adverse effects:** No data available.

#### Water Hazard Class (WGK):

WGK 1: slightly water-endangering.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**General information:** Dispose in accordance with all applicable regulations.



**Product name:** MOLYPAUL ST994

**Disposal methods:** Do not empty into drains; dispose of this material and its container in a safe way. When storing used products, ensure that the waste categories and mixing instructions are observed.

#### SECTION 14: Transport information

##### ADR/RID

14.1 UN Number: —  
14.2 UN Proper Shipping Name: —  
14.3 Transport Hazard Class(es)  
Class: Non-dangerous goods  
Label(s): —  
Hazard No. (ADR): —  
Tunnel restriction code: —  
14.4 Packing Group: —  
14.5 Environmental hazards: —  
14.6 Special precautions for user: —

##### ADN

14.1 UN Number: —  
14.2 UN Proper Shipping Name: —  
14.3 Transport Hazard Class(es)  
Class: Non-dangerous goods  
Label(s): —  
14.3 Packing Group: —  
14.5 Environmental hazards: —  
14.6 Special precautions for user: —

##### IMDG

14.1 UN Number: —  
14.2 UN Proper Shipping Name: —  
14.3 Transport Hazard Class(es)  
Class: Non-dangerous goods  
Label(s): —  
EmS No.: —  
14.3 Packing Group: —  
14.5 Environmental hazards: —  
14.6 Special precautions for user: —

##### IATA

14.1 UN Number: —  
14.2 Proper Shipping Name: —  
14.3 Transport Hazard Class(es)  
Class: Non-dangerous goods  
Label(s): —  
14.4 Packing Group: —  
14.5 Environmental hazards: —  
14.6 Special precautions for user: —

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:** Not applicable.

**Product name:** MOLYPAUL ST994

## SECTION 15: Regulatory information

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

#### EU Regulations

**Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer:** none

**Regulation (EC) No. 850/2004 on persistent organic pollutants:** none

#### National Regulations

**Water Hazard Class (WGK):** WGK 1: slightly water-endangering.

**15.2 Chemical safety assessment:** No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

**Revision Information:** Vertical lines in the margin indicate an amendment.

### Wording of the H-statements in section 2 and 3

H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

**Training information:** Follow training instructions when handling this material.

**Other information:** The classification complies with the current EU lists; however, it has been supplemented with expert literature information and information provided by/about our company. It was derived from the test data and/or the application of the conventional method.

**Revision Date:** 12.01.2021

**Disclaimer:** The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and belief. It characterizes the product only with regard to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech. product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature.

**Product name:** MOLYPAUL ST994

---