

924504.4619 - 14T221



## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

### SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name : 924504.4619

Product code : 14T221.

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

Grease

For professional use

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

Registered company name : HIAB France S.A.S.

Address : 38-40 Avenue Roger Hennequin BP 34.78192.Trappes Cedex.France.

Telephone : +331 30 51 18 36. Fax : +331 30 51 71 11.

#### 1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

### SECTION 2 : HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

May produce an allergic reaction (EUH208).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

#### 2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Additional labeling :

EUH208

Contains ZINC BIS(DINONYLNAPHTHALENESULPHONATE). May produce an allergic reaction.

EUH210

Safety data sheet available on request.

#### 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European CHemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

### SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

##### Composition :

Identification	(EC) 1272/2008	Note	%
INDEX: S00197 CAS: 68411-46-1 EC: 270-128-1 REACH: 01-2119491299-23  N-PHENYL-BENZENAMINE, PRODUITS DE REACTION AVEC LE 2,4,4-TRIMETHYLPENTENE	Aquatic Chronic 3, H412		0 <= x % < 2.5
INDEX: S00052 CAS: 68457-79-4 EC: 270-608-0 REACH: 01-2119493628-22  ZINC ALKYLDITHIOPHOSPHATE	GHS05, GHS09 Dgr Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411		0 <= x % < 2.5

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INDEX: S00369 CAS: 28016-00-4 EC: 248-778-2 REACH: 01-2120130528-59  ZINC BIS(DINONYLNAPHTHALENESULPHONAT E)	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319		0 <= x % < 2.5
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#### SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

##### 4.1. Description of first aid measures

###### In the event of exposure by inhalation :

In the event of an allergic reaction, seek medical attention.

This risk does not exist under normal conditions of use. However in the case of exposure to high concentrations of vapors or fumes, remove to fresh air, keep warm and at rest.

###### In the event of splashes or contact with eyes :

Rinse immediately with plenty of water, holding the eyelids, for at least 15 minutes. If discomfort persists, consult a physician.

###### In the event of splashes or contact with skin :

In the event of an allergic reaction, seek medical attention.

Wash off with soap and plenty of water. Contaminated clothing should be laundered before reuse. If irritation persists, call a doctor.

###### In the event of swallowing :

Seek medical attention, showing the label.

If swallowed, rinse mouth with water (only if the person is conscious). Consult a doctor immediately and show him the label. Keep the victim calm

Do not induce vomiting. Consult a physician.

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

Local necrosis as evidenced by delayed onset of pain and tissue damage a few hours following injection.

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

###### Information for the doctor :

In case of incident, treat symptomatically

#### SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

##### 5.1. Extinguishing media

###### Suitable methods of extinction

In the event of a fire, use :

- foam
- powder
- carbon dioxide (CO2)

###### Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

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

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO2)
- sulfur oxides

##### 5.3. Advice for firefighters

No data available.

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## SECTION 6 : ACCIDENTAL RELEASE MEASURES

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

Consult the safety measures listed under headings 7 and 8.

#### For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

Evacuate personnel to safe areas.

Ventilate the area.

Wear PPE and breathing apparatus (SCBA) in confined areas.

Isolate area.

### 6.2. Environmental precautions

Prevent any material from entering drains or waterways.

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

Clean preferably with a detergent, do not use solvents.

### 6.4. Reference to other sections

No data available.

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## SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Do not eat, do not drink and do not smoke during use. Avoid unnecessary contact. Avoid release to the environment.

Ensure adequate ventilation if there is risk of vapors, mists or aerosols. Keep away from combustible material. Keep the product away from food and beverages.

The prolonged and repeated contact with the skin can cause skin damages accentuated by minor injury or friction with soiled clothing.

Avoid splashes.

Remove any contaminated clothing.

After contact with skin, wash with soap and water, do not use abrasives, solvents or fuel.

Do not dry hands with rags that have been contaminated with product.

Do not breathe vapors, fumes or mists.

Prevent small spills and leakage to avoid slip hazard.

Avoid repeated or prolonged skin contact.

#### Fire prevention :

Prevent access by unauthorised personnel.

#### Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

#### Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

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

No data available.

#### Storage

Recommended to protect from moisture and weather (rain in particular) storage.

Use properly labeled and closeable containers. Keep away from direct sunlight, heat sources, and strong oxidizing agents.

Storage temperature: 5-40 °C

#### Packaging

Always keep in packaging made of an identical material to the original.

Suitable packaging materials :

Use only containers, joints, pipes resistant to hydrocarbons. Keep preferably in the original packaging otherwise, refer, where applicable, all indications on the regulatory label to the new container.

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### 7.3. Specific end use(s)

No data available.

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational exposure limits :

oil mist - ACGIH : VME = 5 mg/m<sup>3</sup> ; VLE = 10mg/m<sup>3</sup>

#### Derived no effect level (DNEL) or derived minimum effect level (DMEL):

ZINC ALKYLDITHIOPHOSPHATE (CAS: 68457-79-4)

##### Final use:

Exposure method:  
Potential health effects:  
DNEL :

##### Workers.

Dermal contact.  
Long term systemic effects.  
11.87 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
8.13 mg of substance/m<sup>3</sup>

##### Final use:

Exposure method:  
Potential health effects:  
DNEL :

##### Consumers.

Ingestion.  
Long term systemic effects.  
0.24 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Dermal contact.  
Long term systemic effects.  
5.93 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
2.06 mg of substance/m<sup>3</sup>

#### Predicted no effect concentration (PNEC):

ZINC ALKYLDITHIOPHOSPHATE (CAS: 68457-79-4)

Environmental compartment: Fresh water.  
PNEC : 4 µg/l

Environmental compartment: Sea water.  
PNEC : 4.6 µg/l

Environmental compartment: Intermittent waste water.  
PNEC : 45 µg/l

Environmental compartment: Waste water treatment plant.  
PNEC : 100 mg/l

### 8.2. Exposure controls

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

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

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#### - Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Recommended properties :

- Impervious gloves in accordance with standard EN374

Resistant, impervious gloves hydrocarbons.

#### - Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

### SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

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

##### General information :

Physical state : Paste.  
Color: dark blue

##### Important health, safety and environmental information

pH : Not relevant.  
Boiling point/boiling range : Not specified.  
Flash Point Interval : FP > 100°C.  
Vapour pressure (50°C) : Below 110 kPa (1.10 bar).  
Density : 0.88 à 15°C  
Water solubility : Insoluble.  
Viscosity : 220 cSt à 40°C  
Melting point/melting range : Not specified.  
Self-ignition temperature : Not specified.  
Decomposition point/decomposition range : Not specified.

#### 9.2. Other information

No data available.

### SECTION 10 : STABILITY AND REACTIVITY

#### 10.1. Reactivity

No data available.

#### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

#### 10.3. Possibility of hazardous reactions

No data available.

#### 10.4. Conditions to avoid

Avoid :  
- heat  
- flames and hot surfaces  
- heating

#### 10.5. Incompatible materials

Keep away from :  
- strong oxidising agents

#### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :  
- carbon monoxide (CO)  
- carbon dioxide (CO2)  
- sulfur oxides

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## SECTION 11 : TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

No data available.

#### 11.1.1. Substances

##### Acute toxicity :

ZINC ALKYL DITHIOPHOSPHATE (CAS: 68457-79-4)

Oral route : LD50 = 3600 mg/kg  
Species : Rat

Dermal route : LD50 > 20000 mg/kg  
Species : Rabbit

#### 11.1.2. Mixture

##### Serious damage to eyes/eye irritation :

May cause slight temporary eye discomfort. Based on assessment of the components.

Conjunctival redness : Average score < 2

##### Respiratory or skin sensitisation :

Contains at least one sensitising substance. May cause an allergic reaction.

##### Other information

Base oil severely refined: Not carcinogenic in animal studies. The Representative material passes the Modified Ames test, IP-346, and / or other screening tests. Of Dermal and inhalation studies showed minimal effects; non-specific infiltration of immune cells in the lungs, oil deposition and minimal granuloma formation. Not sensitizing in test animals.

## SECTION 12 : ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### 12.1.1. Substances

ZINC ALKYL DITHIOPHOSPHATE (CAS: 68457-79-4)

Fish toxicity : LC50 = 4.5 mg/l  
Species : Cyprinodon variegatus  
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 23 mg/l  
Species : Daphnia magna  
Duration of exposure : 48 h

NOEC = 0.8 mg/l  
Species : Daphnia magna  
Duration of exposure : 21 days

Algae toxicity : ECr50 = 21 mg/l  
Species : Scenedesmus subspicatus  
Duration of exposure : 72 h

#### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

### 12.2. Persistence and degradability

#### 12.2.1. Substances

ZINC ALKYL DITHIOPHOSPHATE (CAS: 68457-79-4)

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

### 12.3. Bioaccumulative potential

Contains components with the potential bio-accumulative.

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#### 12.3.1. Substances

ZINC ALKYLDITHIOPHOSPHATE (CAS: 68457-79-4)

Octanol/water partition coefficient : log K<sub>ow</sub> = 0.69

#### 12.4. Mobility in soil

Semi-solid in most conditions in the environment, so in general, very mobile on the ground. Insoluble, product floats on water.

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

No data available.

#### 12.6. Other adverse effects

No data available.

#### German regulations concerning the classification of hazards for water (WGK) :

WGK 1 (VwVwS vom 27/07/2005, KBws) : Slightly hazardous for water.

### SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

#### 13.1. Waste treatment methods

Do not pour into drains or waterways.

#### Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

#### Codes of wastes (Decision 2014/955/EC, Directive 2008/98/EEC on hazardous waste) :

12 01 12 (wastes of waxes and greases)

### SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

#### 14.1. UN number

-

#### 14.2. UN proper shipping name

-

#### 14.3. Transport hazard class(es)

-

#### 14.4. Packing group

-

#### 14.5. Environmental hazards

-

#### 14.6. Special precautions for user

-

### SECTION 15 : REGULATORY INFORMATION

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

##### - Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2016/1179. (ATP 9)

##### - Container information:

No data available.

##### - Particular provisions :

No data available.

##### - German regulations concerning the classification of hazards for water (WGK) :

WGK 1 (VwVwS vom 27/07/2005, KBws) : Slightly hazardous for water.

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## 15.2. Chemical safety assessment

No data available.

## SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

### Wording of the phrases mentioned in section 3 :

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

### Abbreviations :

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.