



# SAFETY DATA SHEET

VP 851

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Compilation date: 11.03.2008

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

### 1.1. Product identifier

Product name: VP 851

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

Use of substance / mixture: PC24: Lubricants, greases, release products.

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

Company name: CHEMIE-TECHNIK GMBH

Robert-Bosch-Str. 19

D-72189 Vöhringen

Deutschland

Tel: +49-(0)7454 - 9652-0

Fax: +49-(0)7454 - 9652-35

Email: info@elkalub.com

### 1.4. Emergency telephone number

Emergency tel: +49-(0)7454 - 9652-31, Mo-Fr 8-17:00

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification under CLP: \* Eye Irrit. 2: H319; -: EUH208

Most important adverse effects: Contains mod. (amino-methyl)-tolutriazol. May produce an allergic reaction. Causes serious eye irritation.

### 2.2. Label elements

Label elements:

Hazard statements: \* EUH208: Contains mod. (amino-methyl)-tolutriazol. May produce an allergic reaction.  
H319: Causes serious eye irritation.

Signal words: \* Warning

Hazard pictograms: \* GHS07: Exclamation mark



Precautionary statements: \* P264: Wash hands thoroughly after handling.

P280: Wear eye protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical advice/attention.

[cont...]

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## 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### ZINKALKYLDITHIOPHOSPHAT

272-028-3	68649-42-3	-	Eye Dam. 1: H318; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	1-10%
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#### AMIN-PHOSPHAT

279-632-6	080939-62-4	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	<1%
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#### MOD. (AMINO-METHYL)-TOLUTRIAZOL

279-503-4+279-514-4	-	-	Aquatic Chronic 2: H411; Skin Sens. 1: H317; Skin Irrit. 2: H315	<1%
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**Contains:** Mineral oil <3% DMSO-Extract (IP 346),

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Do not induce vomiting. Consult a doctor.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

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

**Skin contact:** There may be mild irritation at the site of contact. An itchy rash may occur at the site of contact.

**Eye contact:** \* There may be irritation and redness. May cause permanent damage.

**Ingestion:** No data available.

**Inhalation:** No data available.

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

**Immediate / special treatment:** Show this safety data sheet to the doctor in attendance.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Carbon dioxide. Alcohol resistant foam. Dry chemical powder.

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

**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of hydrogen fluoride.

[cont...]

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## 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus.

## Section 6: Accidental release measures

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

**Personal precautions:** Eliminate all sources of ignition. Remove all incompatible materials as outlined in section 10 of SDS.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

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

**Clean-up procedures:** Transfer to a suitable container. Refer to section 13 of SDS for suitable method of disposal. Wash the ground with an appropriate self-emulsifying solvent.

### 6.4. Reference to other sections

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid the formation or spread of mists in the air. Smoking is forbidden.

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

**Storage conditions:** 15 - 25° C Keep away from sources of ignition.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** \* Nitrile gloves. 0,7 mm Breakthrough time of the glove material > 1 hour.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

**Environmental:** Refer to specific Member State legislation for requirements under Community environmental legislation.

[cont...]

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## Section 9: Physical and chemical properties

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

**State:** Paste

**Colour:** Off-white

**Odour:** Characteristic odour

**Solubility in water:** Insoluble

**Viscosity:** Not applicable.

**Boiling point/range°C:** No data available.

**Melting point/range°C:** > 140

**Flammability limits %: lower:** Not applicable.

**upper:** Not applicable.

**Flash point°C:** > 150

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** No data available.

**Vapour pressure:** < 0,1 hPa

**Relative density:** ~ 1,2

**pH:** Not applicable.

**VOC g/l:** 0

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** Sources of ignition. Flames. Hot surfaces.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of hydrogen fluoride.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

[cont...]

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## Hazardous ingredients:

### ZINKALKYLDITHIOPHOSPHAT

SCU	RAT	LD50	> 5000	mg/kg
SKN	RBT	LD50	> 2000	mg/kg

### AMIN-PHOSPHAT

DERMAL	RAT	LD50	> 2000	mg/kg
ORAL	RAT	LD50	> 2000	mg/kg

### MOD. (AMINO-METHYL)-TOLUTRIAZOL

ORAL	RAT	LD50	> 2000	mg/kg
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Toxicity values: No data available.

## Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact. An itchy rash may occur at the site of contact.

**Eye contact:** \* There may be irritation and redness. May cause permanent damage.

**Ingestion:** No data available.

**Inhalation:** No data available.

## Section 12: Ecological information

### 12.1. Toxicity

## Hazardous ingredients:

### ZINKALKYLDITHIOPHOSPHAT

TROUT	96H LC50	1 - 10	mg/l
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### AMIN-PHOSPHAT

DAPHNIA	48H EC50	1,2	mg/l
FISCH	96H LC50	5,5	mg/l

### MOD. (AMINO-METHYL)-TOLUTRIAZOL

FISH	96H LC50	1,3	mg/l
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### 12.2. Persistence and degradability

Persistence and degradability: No data available.

### 12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

[cont...]

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## 12.4. Mobility in soil

**Mobility:** Non-volatile. Insoluble in water. Heavier than water.

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

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

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

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.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.