

# Safety Data Sheet

according to 29 CFR 1910.1200(g)



**PU140**

Revision date: 07/28/2022

Page 1 of 9

## 1. Identification

### Product identifier

PU140

### Recommended use of the chemical and restrictions on use

#### Use of the substance/mixture

Paints and varnishes

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

Company name: Hottinger Brüel & Kjaer  
Street: Im Tiefen See 45  
Place: D-64293 Darmstadt  
Telephone: +49 (0)6151 803-0  
Internet: www.hbm.com  
Responsible Department: support@hbm.com

**Emergency phone number:** +49-30-18412-0

## 2. Hazard(s) identification

### Classification of the chemical

#### 29 CFR Part 1910.1200

Flammable liquids: Flam. Liq. 3  
Respiratory or skin sensitization: Skin Sens. 1  
Carcinogenicity: Carc. 2

### Label elements

#### 29 CFR Part 1910.1200

**Signal word:** Warning

**Pictograms:**



### **Hazard statements**

Flammable liquid and vapor  
May cause an allergic skin reaction  
Suspected of causing cancer

### **Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Wear protective gloves/protective clothing/eye protection/face protection.  
If skin irritation or rash occurs: Get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.  
Store in a well-ventilated place. Keep cool.

### Hazards not otherwise classified

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

## 3. Composition/information on ingredients

### Mixtures

# Safety Data Sheet

according to 29 CFR 1910.1200(g)



## PU140

Revision date: 07/28/2022

Page 2 of 9

### Hazardous components

CAS No	Components	Quantity
90622-57-4	Isoparaffinische Kohlenwasserstoff (Alkane, C9-12-iso-)	25 - 50 %
96-29-7	butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime	< 1 %

#### Further Information

No information available.

## 4. First-aid measures

### Description of first aid measures

#### General information

Remove affected person from the danger area and lay down. If unconscious but breathing normally, place in recovery position and seek medical advice. First aider: Pay attention to self-protection!

#### After inhalation

When in doubt or if symptoms are observed, get medical advice.

Provide fresh air.

In case of respiratory tract irritation, consult a physician.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. In case of skin irritation, consult a physician.

#### After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

#### After ingestion

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person or a person with cramps. Do NOT induce vomiting.

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

No information available.

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

No information available.

## 5. Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing media

Water spray jet, Dry extinguishing powder, Foam

#### Unsuitable extinguishing media

Full water jet

### Specific hazards arising from the chemical

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Highly flammable.

Vapors may form explosive mixtures with air.

### Special protective equipment and precautions for fire-fighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Co-ordinate fire-fighting measures to the fire surroundings.

#### Additional information

No information available.

## 6. Accidental release measures

# Safety Data Sheet

according to 29 CFR 1910.1200(g)



PU140

Revision date: 07/28/2022

Page 3 of 9

## Personal precautions, protective equipment and emergency procedures

### General advice

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fume/vapor/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment. Use personal protection equipment. Do not allow to enter into surface water or drains. Treat the recovered material as prescribed in the section on waste disposal. Provide adequate ventilation.

### Environmental precautions

Do not allow to enter into surface water or drains.  
Do not allow uncontrolled discharge of product into the environment.

### Methods and material for containment and cleaning up

#### Other information

Take up mechanically, placing in appropriate containers for disposal. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

### Reference to other sections

Safe handling: see section 7  
Personal protection equipment (PPE): see section 8  
Disposal: see section 13

## 7. Handling and storage

### Precautions for safe handling

#### Advice on safe handling

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### Advice on protection against fire and explosion

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### Further information on handling

Wear personal protection equipment (refer to section 8). Do not empty into drains. When using do not eat, drink, smoke, sniff.

### Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place.  
Do not allow to enter into surface water or drains.  
Do not allow uncontrolled discharge of product into the environment.

#### Hints on joint storage

No information available.

#### Further information on storage conditions

No information available.

## 8. Exposure controls/personal protection

### Control parameters

#### Additional advice on limit values

No information available.

### Exposure controls



# Safety Data Sheet

according to 29 CFR 1910.1200(g)



PU140

Revision date: 07/28/2022

Page 4 of 9

## Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.  
In use, may form flammable/explosive vapor-air mixture.  
Use explosion-proof electrical equipment.  
Use only non-sparking tools.

## Protective and hygiene measures

When using do not eat or drink.  
Do not breathe gas/fume/vapor/spray.  
After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.  
Wear suitable protective clothing, gloves and eye/face protection.  
Draw up and observe skin protection programme.

## Eye/face protection

Wear eye/face protection.

## Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. EN ISO 374  
The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.  
Thickness of the glove material:  $\geq 0,7$ mm  
Suitable gloves type NBR (Nitrile rubber)  
Breakthrough time:  $>480$  min  
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

## Skin protection

Used working clothes should not be worn outside the work area.  
Separate storage of work clothes.  
Wear anti-static footwear and clothing

## Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Filtering device (full mask or mouthpiece) with filter: a

## Environmental exposure controls

Do not allow to enter into surface water or drains.  
The vapors are heavier than air and can accumulate in high concentrations on the ground, in cavities, channels and cellars.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state:	Liquid	
Color:	transparent	
Odor:	Solvents	
pH-Value:		not determined

### Changes in the physical state

Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		150 °C
Sublimation point:		not determined
Softening point:		not determined
Pour point:		not determined
not determined:		

# Safety Data Sheet

according to 29 CFR 1910.1200(g)



## PU140

Revision date: 07/28/2022

Page 5 of 9

Flash point: 57 °C

Sustaining combustion: No data available

### Flammability

Solid/liquid: not determined

Gas: not determined

### Explosive properties

No information available.

Lower explosion limits: 0,8 vol. %

Upper explosion limits: 7 vol. %

Auto-ignition temperature: 200 °C

### Self-ignition temperature

Solid: not determined

Gas: not determined

Decomposition temperature: not determined

### Oxidizing properties

No information available.

Vapor pressure:  
(at 20 °C) <1 hPa

Vapor pressure:  
(at 50 °C) not determined

Density (at 20 °C): 0,89 g/cm<sup>3</sup>

Bulk density: not determined

Water solubility: not determined

### Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic:  
(at 20 °C) 55 mm<sup>2</sup>/s

Flow time: not determined

Relative vapour density: not determined

Evaporation rate: not determined

Solvent separation test: not determined

Solvent content: 51 %

### Other information

Solid content: 48,77 Gew.-%

No information available.

## 10. Stability and reactivity

### Reactivity

No information available.

### Chemical stability

The substance is chemically stable under recommended conditions of storage, use and temperature.

### Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

# Safety Data Sheet

according to 29 CFR 1910.1200(g)



PU140

Revision date: 07/28/2022

Page 6 of 9

## Conditions to avoid

No information available.

## Incompatible materials

No information available.

## Hazardous decomposition products

No information available.

## Further information

No information available.

## 11. Toxicological information

### Information on toxicological effects

#### **Toxicokinetics, metabolism and distribution**

No information available.

#### **Acute toxicity**

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

No information available.

CAS No	Components				
	Exposure route	Dose	Species	Source	Method
90622-57-4	Isoparaffinische Kohlenwasserstoff (Alkane, C9-12-iso-)				
	oral	LD50 >10000 mg/kg	Rat	JAT	
96-29-7	butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime				
	oral	ATE 100 mg/kg			
	dermal	ATE 1100 mg/kg			

#### **Irritation and corrosivity**

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

No information available.

#### **Sensitizing effects**

May cause an allergic skin reaction (butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime)

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

Suspected of causing cancer

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

#### **Specific target organ toxicity (STOT) - single exposure**

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

No information available.

#### **Specific target organ toxicity (STOT) - repeated exposure**

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

No information available.

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): No ingredient of this mixture is listed.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

#### **Aspiration hazard**

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

No information available.

#### **Specific effects in experiment on an animal**

No information available.

# Safety Data Sheet

according to 29 CFR 1910.1200(g)



PU140

Revision date: 07/28/2022

Page 7 of 9

## Additional information on tests

No information available.

## Practical experience

No information available.

## Information on other hazards

### Other information

No information available.

## Further information

No information available.

## 12. Ecological information

### Persistence and degradability

No information available.

### Bioaccumulative potential

No information available.

### Mobility in soil

No information available.

### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### Other adverse effects

No information available.

## 13. Disposal considerations

### Waste treatment methods

#### Disposal recommendations

Dispose of waste according to applicable legislation.

## 14. Transport information

### US DOT 49 CFR 172.101

UN number or ID number: UN 1263

Proper shipping name: Paint

Transport hazard class(es): 3

Packing group: I

Hazard label: 3



### Marine transport (IMDG)

UN number: UN 1263

UN proper shipping name: Paint

Transport hazard class(es): 3

Packing group: I

Hazard label: 3

# Safety Data Sheet

according to 29 CFR 1910.1200(g)



**PU140**

Revision date: 07/28/2022

Page 8 of 9



Special Provisions: 163, 367  
Limited quantity: 500 mL  
Excepted quantity: E3  
EmS: F-E, S-E

### Other applicable information (marine transport)

No information available.

### Air transport (ICAO-TI/IATA-DGR)

**UN number:** UN 1263  
**UN proper shipping name:** Paint  
**Transport hazard class(es):** 3  
**Packing group:** I  
Hazard label: 3



Special Provisions: A3 A72 A192  
Limited quantity Passenger: Forbidden  
Passenger LQ: Forbidden  
Excepted quantity: E3  
IATA-packing instructions - Passenger: 351  
IATA-max. quantity - Passenger: 1 L  
IATA-packing instructions - Cargo: 361  
IATA-max. quantity - Cargo: 30 L

### Other applicable information (air transport)

No information available.

### Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No transport as bulk according to IBC Code.

### Other applicable information

No information available.

## 15. Regulatory information

### U.S. Regulations

#### National regulatory information

SARA Section 311/312 Hazards:  
butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime (96-29-7): Delayed (chronic) health hazard, Immediate (acute) health hazard

#### State Regulations

##### Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

## 16. Other information

### Changes

# Safety Data Sheet

according to 29 CFR 1910.1200(g)



## PU140

Revision date: 07/28/2022

Page 9 of 9

Revision date: 07/28/2022

Revision No: 1,5

This data sheet contains changes from the previous version in section(s): 2,3,6.

---

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*