

**Safety data sheet**  
**Schedule IX of Draft Indian Chemical Management and**  
**Safety Rules (CMSR)**

Date of issue: 18.09.2025

Version number 1

Revision: 18.09.2025

**1 Identification of the substance/mixture and of the company/undertaking**

- **Other means of identification**
  - **Trade name: 1-SR180**
  - **Relevant identified uses of the substance or mixture and uses advised against**
  - **Product category PC1** Adhesives, sealants
  - **Application of the substance / the mixture** Adhesives
  - **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**  
HOTTINGER BRUEL & KJAER UK LTD  
Advanced Manufacturing Park Technology Centre  
Brunel Way, Catcliffe, Rotherham  
South Yorkshire, S60 5WG  
United Kingdom  
Phone: +44 (0) 1145 512230  
Email: info@uk.hbm.com
  - **Informing department:**  
Tel. +49(0)6131 19240  
EMail support-esa@hbkworld.com
  - **Emergency telephone number:**  
Gift-Informationszentrum Nord, Göttingen  
Poison Information Center, Göttingen  
Tel.: +49 (0)551 19240  
(German and English only)
- United Kingdom:  
National Poisons Information Service  
Emergency number: +44 844 892 0111
- Poisons Information Centre of Ireland:  
+353 1 837 9964 for medical professionals  
+353 1 809 2166 for public inquiries  
CHEMTREC: +44 20 3807 3798 (24h emergency call).  
Outside continental USA please call CHEMTREC at +1-703-527-3887 (R-calls are accepted).

**2 Hazards identification**

- **Classification of the substance or mixture**  
The product is not classified, according to the Globally Harmonised System (GHS).
- 
- **Label elements**
  - **GHS label elements** Void
  - **Hazard pictograms** Void
  - **Signal word** Void
  - **Hazard statements** Void
  - **Additional information:**  
Test results are available which prove that the product is not skin-sensitising.  
Please refer to further labelling elements in section 15 of this safety data sheet, if applicable.

(Contd. on page 2)

# Safety data sheet

## Schedule IX of Draft Indian Chemical Management and Safety Rules (CMSR)

Date of issue: 18.09.2025

Version number 1

Revision: 18.09.2025

Trade name: 1-SR180







(Contd. from page 1)

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of the substances listed below, possibly with undeclared additives.

- **Dangerous components:**

37859-55-5	O,O',O''-(methylsilylidyne)trioxime 2-pentanone  STOT RE 2, H373;  Acute Tox. 4, H302; Eye Irrit. 2, H319; Flammable liquids 4, H227; Aquatic Chronic 4, H413	≥ 0 - < 10%
26530-20-1	2-octyl-2H-isothiazol-3-one  Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330;  Skin Corr. 1A, H314; Eye Dam. 1, H318;  Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100);  Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0,0015 %	≥ 0,025 - < 0,1%

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

### 4 First aid measures

- **Description of first aid measures**
- **General information**  
 Personal protection for the First Aider.  
 If symptoms occur or in case of doubt consult a doctor.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact**  
 Instantly wash with water and soap and rinse thoroughly.  
 If skin irritation continues, consult a doctor.
- **After eye contact**  
 Rinse opened eye for several minutes under running water.  
 Remove contact lenses if possible.  
 In case of permanent aches and pains please go and see the doctor.
- **After swallowing**  
 Rinse out mouth.  
 In case of disorders get medical advice.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed**  
 No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
 No further relevant information available.

### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**  
 Use fire fighting measures that suit the environment.  
 Alcohol-resistant foam, extinguishing powder or carbon dioxide. Fight larger fire with water spray.

(Contd. on page 3)

# Safety data sheet

## Schedule IX of Draft Indian Chemical Management and Safety Rules (CMSR)

Date of issue: 18.09.2025

Version number 1

Revision: 18.09.2025

Trade name: 1-SR180

(Contd. from page 2)

- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **Special hazards arising from the substance or mixture**  
Inhalation of combustion gases may cause serious health hazards.  
Can be released in case of fire:  
Carbon monoxide and carbon dioxide  
Nitrogen oxides (NOx)
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus.
- **Additional information** Remove goods in stock from incendiary zone, if possible.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **For non-emergency personnel** Avoid contact with the product.
- **For emergency responders** Put on suitable personal protective equipment.
- **Environmental precautions:** Do not allow to enter drainage system, ground/soil and water bodies.
- **Methods and material for containment and cleaning up:** Collect mechanically.
- **Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

### 7 Handling and storage

- **Handling**  
Do not eat, drink or smoke while working.  
Avoid direct contact with eyes, skin and clothing.
- **Precautions for safe handling** No special precautions necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
WEL: workplace exposure limit  
OEL: Occupational Exposure Limit
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**  
Take off all contaminated clothing immediately.  
Wash hands during breaks and at the end of the work.  
Wash contaminated clothing before re-use.

(Contd. on page 4)

# Safety data sheet

## Schedule IX of Draft Indian Chemical Management and Safety Rules (CMSR)

Date of issue: 18.09.2025

Version number 1

Revision: 18.09.2025

**Trade name: 1-SR180**

(Contd. from page 3)

Do not eat, drink or smoke while working.

· **Breathing equipment:** Not required.

· **Protection of hands:**



Protective gloves.

Only use chemical-protective gloves with CE-labelling of category III (EN 374).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Not required.

### 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· <b>Form:</b>	Solid
· <b>Colour:</b>	Various colours
· <b>Odour:</b>	Characteristic
· <b>Odour threshold:</b>	Not determined.

· **pH-value:** Not applicable.

· **Change in condition**

· <b>Melting point/freezing point:</b>	Not determined
· <b>Initial boiling point and boiling range:</b>	Not determined

· **Flash point:** > 100 °C

· **Inflammability (solid, gaseous)** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Decomposition temperature:** Not determined.

· **Self-inflammability:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive.

· **Critical values for explosion:**

· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.

(Contd. on page 5)

# Safety data sheet

## Schedule IX of Draft Indian Chemical Management and Safety Rules (CMSR)

Date of issue: 18.09.2025

Version number 1

Revision: 18.09.2025

Trade name: 1-SR180

(Contd. from page 4)

· <b>Vapour pressure:</b>	Not applicable.
· <b>Density at 20 °C</b>	1,02 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not applicable.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with Water:</b>	Insoluble
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
dynamic:	Not applicable.
kinematic:	Not applicable.
· <b>Other information</b>	
Particle characteristics	No further details.
Physical state	Solid

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**  
None in case of intended use and storage in compliance with instructions.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

- **LD/LC50 values that are relevant for classification:**

#### ATE (Acute Toxicity Estimates)

Oral	LD50	> 24.680 - ≤ 1.234.000 m (Rat)
------	------	--------------------------------

#### 37859-55-5 O,O',O''-(methylsilyldyne)trioxime 2-pentanone

Oral	LD50	1.234 mg/kg (Rat)
Dermal	LD50	> 1.782 mg/kg (Rat)

#### 26530-20-1 2-octyl-2H-isothiazol-3-one

Oral	LD50	125 mg/kg (ATE)
Dermal	LD50	311 mg/kg (ATE)
Inhalative	LC50	0,27 mg/l/4h (ATE)

- **Respiratory or skin sensitisation**  
Test results are available which prove that the product is not skin-sensitising.  
Sensitization possible by skin contact.

(Contd. on page 6)

IN

# Safety data sheet

## Schedule IX of Draft Indian Chemical Management and Safety Rules (CMSR)

Date of issue: 18.09.2025

Version number 1

Revision: 18.09.2025

Trade name: 1-SR180

(Contd. from page 5)

- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

- **STOT-repeated exposure**

The product contains a substance with target organ toxicity upon repeated ingestion. If handled properly, there is no health risk from this ingredient.

### 12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

#### 37859-55-5 O,O',O''-(methylsilylidyne)trioxime 2-pentanone

NOEC	> 113 mg/l/48h (Daphnia magna)
NOEC	36 mg/l/72h (algae)
NOEC	> 113 mg/l/96h (fish)

#### 26530-20-1 2-octyl-2H-isothiazol-3-one

EC50	0,181 mg/l/48h (Daphnia magna)
LC50	0,122 mg/l/96h (fish)

- **Persistence and degradability** No further relevant information available.

- **Other information:** There are no data available about the preparation.

- **Behaviour in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Due to the consistence and the low watersolubility of the product a bioavailability is not probable.

Do not allow product to reach ground water, water bodies or sewage system.

Danger to drinking water if even small quantities leak into soil.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**

- **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:**

- **Recommendation:**

Dispose of packaging according to regulations on the disposal of packagings.

Non contaminated packagings can be used for recycling.

Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

(Contd. on page 7)

# Safety data sheet

## Schedule IX of Draft Indian Chemical Management and Safety Rules (CMSR)

Date of issue: 18.09.2025

Version number 1

Revision: 18.09.2025

Trade name: 1-SR180

(Contd. from page 6)

### 14 Transport information

· <b>UN-Number</b> · <b>ADR/RID, IMDG, IATA</b>	Void
· <b>UN proper shipping name</b> · <b>ADR/RID, ADN, IMDG, IATA</b>	Void
· <b>Transport hazard class(es)</b> · <b>ADR/RID, ADN, IMDG, IATA</b> · <b>Class</b>	Void
· <b>Packing group</b> · <b>ADR/RID, IMDG, IATA</b>	Void
· <b>Environmental hazards:</b>	Not applicable.
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
· <b>UN "Model Regulation":</b>	Void

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **National regulations**
- **Water hazard class:**
- **Substances of very high concern (SVHC) according to REACH, Article 57**  
None of the ingredients is contained.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**  
H227 Combustible liquid.  
H301 Toxic if swallowed.  
H302 Harmful 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.  
H319 Causes serious eye irritation.  
H330 Fatal if inhaled.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.

(Contd. on page 8)

# Safety data sheet

## Schedule IX of Draft Indian Chemical Management and Safety Rules (CMSR)

Date of issue: 18.09.2025

Version number 1


Revision: 18.09.2025

Trade name: 1-SR180

(Contd. from page 7)

H410 Very toxic to aquatic life with long lasting effects.  
H413 May cause long lasting harmful effects to aquatic life.

· **Department issuing data specification sheet:**

 **DEKRA** This Safety Data Sheet has been drawn up in cooperation with:  
DEKRA Assurance Services GmbH, Hanomagstr. 12, D-30449 Hanover, Germany,  
phone: (+49) 511 42079 - 0, reach@dekra.com.

© DEKRA Assurance Services GmbH. Changing this documents is subject to explicit acceptance by DEKRA Assurance Services GmbH.

· **Kit-Components:**

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
SVHC: Substances of Very High Concern  
vPvB: very Persistent and very Bioaccumulative  
Flammable liquids 4: Flammable liquids – Category 4  
Acute Tox. 3: Acute toxicity – Category 3  
Acute Tox. 4: Acute toxicity – Category 4  
Acute Tox. 2: Acute toxicity – Category 2  
Skin Corr. 1A: Skin corrosion/irritation – Category 1A  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Skin Sens. 1A: Skin sensitisation – Category 1A  
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1  
Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

IN