

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by  
UK REACH Regulations SI 2019/758 - GB



## HOTEMP SUPER CH 2-100

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 18.11.2025  | Print Date: |
| 5.0     | 20.04.2026     | Date of first issue: 16.11.2012 | 20.04.2026  |

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

#### 1.1 Product identifier

Product name : HOTEMP SUPER CH 2-100

Article-No. : 002136

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

Use of the Substance/Mixture : Lubricating oil

Recommended restrictions on use : Restricted to professional users.

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

Company : Klüber Lubrication München GmbH & Co. KG  
Geisenhausenerstr. 7  
81379 München  
Germany  
Tel.: +49 (0) 89 7876 0  
info@klueber.com

E-mail address of person responsible for the SDS : mcm@klueber.com

National contact : Klüber Lubrication Great Britain Limited  
Unit 10 Pennine Business Park  
Longbow Close  
Huddersfield  
West Yorkshire HD2 1GQ  
Great Britain  
Tel: +44-1422-205115  
Fax: +44-1422-206073  
sales@uk.klueber.com

#### 1.4 Emergency telephone number

Emergency telephone number : +49 89 7876 700 (24 hrs)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Not a hazardous substance or mixture.

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### 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

Not a hazardous substance or mixture.

#### Additional Labelling

|| EUH210 Safety data sheet available on request.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : ester oil  
Synthetic hydrocarbon oil

#### Components

| Chemical name                                                  | CAS-No.<br>EC-No.<br><br>Index-No.<br>Registration number | Classification | specific<br>concentration<br>limit<br>M-Factor<br>Notes<br>Acute toxicity<br>estimate | Concentration<br>(% w/w) |
|----------------------------------------------------------------|-----------------------------------------------------------|----------------|---------------------------------------------------------------------------------------|--------------------------|
| Reaction products of<br>diphenylamine with<br>nonene, branched | 701-385-4                                                 | Repr. 2; H361f |                                                                                       | >= 0.1 - < 1             |

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

If inhaled : Obtain medical attention.  
Remove person to fresh air. If signs/symptoms continue, get

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- medical attention.  
Keep patient warm and at rest.  
If unconscious, place in recovery position and seek medical advice.  
Keep respiratory tract clear.  
If breathing is irregular or stopped, administer artificial respiration.
- In case of skin contact : Take off all contaminated clothing immediately.  
Get medical attention immediately if irritation develops and persists.  
Wash clothing before reuse.  
Thoroughly clean shoes before reuse.  
Wash off immediately with plenty of water.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes.  
If eye irritation persists, consult a specialist.
- If swallowed : Move the victim to fresh air.  
If unconscious, place in recovery position and seek medical advice.  
Keep respiratory tract clear.  
Do NOT induce vomiting.  
Obtain medical attention.  
Rinse mouth with water.  
Never give anything by mouth to an unconscious person.

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

Symptoms : No symptoms known or expected.

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

Treatment : Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : High volume water jet

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

- Hazardous combustion products : Carbon oxides  
Nitrogen oxides (NOx)

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### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.  
Use personal protective equipment. Exposure to decomposition products may be a hazard to health.

Further information : Standard procedure for chemical fires.

## SECTION 6: Accidental release measures

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

Personal precautions : Evacuate personnel to safe areas.  
Use personal protective equipment.  
Ensure adequate ventilation.  
Do not breathe vapours or spray mist.  
Refer to protective measures listed in sections 7 and 8.

### 6.2 Environmental precautions

Environmental precautions : Try to prevent the material from entering drains or water courses.  
Prevent further leakage or spillage if safe to do so.  
Local authorities should be advised if significant spillages cannot be contained.

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

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

### 6.4 Reference to other sections

For personal protection see section 8.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours or spray mist.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Wash hands and face before breaks and immediately after handling the product.  
Do not get in eyes or mouth or on skin.  
Do not get on skin or clothing.  
Do not ingest.

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Do not repack.  
Do not re-use empty containers.  
These safety instructions also apply to empty packaging which  
may still contain product residues.  
Keep container closed when not in use.

Hygiene measures : Wash face, hands and any exposed skin thoroughly after  
handling.

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

Requirements for storage areas and containers : Store in original container. Keep container closed when not in  
use. Keep in a dry, cool and well-ventilated place. Containers  
which are opened must be carefully resealed and kept upright  
to prevent leakage. Store in accordance with the particular  
national regulations. Keep in properly labelled containers.

### 7.3 Specific end use(s)

Specific use(s) : Specific instructions for handling, not required.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

#### Derived No Effect Level (DNEL)

| Substance name                                                                              | End Use   | Exposure routes | Potential health effects             | Value             |
|---------------------------------------------------------------------------------------------|-----------|-----------------|--------------------------------------|-------------------|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil — unspecified | Workers   | Inhalation      | Long-term systemic effects           | 2.73 mg/m3        |
|                                                                                             | Workers   | Inhalation      | Long-term local effects              | 5.58 mg/m3        |
|                                                                                             | Workers   | Skin contact    | Long-term systemic effects           | 0.97 mg/kg bw/day |
| tris(mixed dodecyl and octyl)benzene-1,2,4-tricarboxylate                                   | Workers   | Inhalation      | Long-term exposure, Systemic effects | 29.4 mg/m3        |
|                                                                                             | Workers   | Skin contact    | Long-term exposure, Systemic effects | 4.2 mg/kg         |
|                                                                                             | Consumers | Inhalation      | Long-term exposure, Systemic effects | 8.7 mg/m3         |
|                                                                                             | Consumers | Skin contact    | Long-term exposure, Systemic effects | 2.5 mg/kg         |
| Reaction products of                                                                        | Workers   | Inhalation      | Long-term systemic                   | 1.41 mg/m3        |

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|                                     |         |        |                            |         |
|-------------------------------------|---------|--------|----------------------------|---------|
| diphenylamine with nonene, branched |         |        | effects                    |         |
|                                     | Workers | Dermal | Long-term systemic effects | 4 mg/kg |

### Predicted No Effect Concentration (PNEC)

| Substance name                                           | Environmental Compartment | Value       |
|----------------------------------------------------------|---------------------------|-------------|
| Reaction products of diphenylamine with nonene, branched | Fresh water               | 0.412 mg/l  |
|                                                          | Marine water              | 0.0412 mg/l |
|                                                          | Fresh water sediment      | 1 mg/kg     |
|                                                          | Marine sediment           | 0.1 mg/kg   |

## 8.2 Exposure controls

### Engineering measures

Handle only in a place equipped with local exhaust (or other appropriate exhaust).

### Personal protective equipment

Eye/face protection : Safety glasses with side-shields

Hand protection

Material : Nitrile rubber  
Break through time : > 10 min  
Protective index : Class 1

Remarks : Wear protective gloves. The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case.

Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Respiratory protection : Not required; except in case of aerosol formation.

Filter type : Filter type A-P

Protective measures : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Environmental exposure controls

Air :  
No special environmental precautions required.

Soil :  
The product should not be allowed to enter drains, water

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courses or the soil.

Water :

The product should not be allowed to enter drains, water  
courses or the soil.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance

Physical state : liquid

Colour : yellow

Odour : characteristic

Odour Threshold : No data available

pH : Not applicable

Melting point/ range : No data available

Boiling point/boiling range : No data available

Flash point :  $\geq 250\text{ }^{\circ}\text{C}$   
Method: ISO 2592, open cup

Evaporation rate : No data available

Flammability : Flammability (solid, gas):  
No data available  
Flammability (liquids):  
Sustains combustion

Flammability (solid, gas):  
Not applicable

Upper explosion limit / Upper  
flammability limit : No data available

Lower explosion limit / Lower  
flammability limit : No data available

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|                                        |   |                                                                        |
|----------------------------------------|---|------------------------------------------------------------------------|
| Vapour pressure                        | : | < 0.001 hPa (20 °C)                                                    |
| Relative vapour density                | : | No data available                                                      |
| Relative density                       | : | 0.921 (20 °C)<br>Reference substance: Water<br>The value is calculated |
| Density                                | : | 0.92 g/cm <sup>3</sup><br>(20 °C)                                      |
| Bulk density                           | : | Not applicable                                                         |
| Solubility(ies)                        |   |                                                                        |
| Water solubility                       | : | insoluble                                                              |
| Solubility in other solvents           | : | No data available                                                      |
| Partition coefficient: n-octanol/water | : | No data available                                                      |
| Auto-ignition temperature              | : | No data available                                                      |
| Decomposition temperature              | : | No data available                                                      |
| Viscosity                              |   |                                                                        |
| Viscosity, dynamic                     | : | No data available                                                      |
| Viscosity, kinematic                   | : | 105 mm <sup>2</sup> /s (40 °C)                                         |
| Explosive properties                   | : | Not explosive                                                          |
| Oxidizing properties                   | : | No data available                                                      |

### 9.2 Other information

|                   |   |                   |
|-------------------|---|-------------------|
| Sublimation point | : | Not applicable    |
| Self-ignition     | : | No data available |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazards to be specially mentioned.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

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Hazardous reactions : No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to avoid

Conditions to avoid : No conditions to be specially mentioned.

### 10.5 Incompatible materials

Materials to avoid : No materials to be especially mentioned.

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

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

#### Product:

Acute oral toxicity : Remarks: This information is not available.

Acute inhalation toxicity : Remarks: This information is not available.

Acute dermal toxicity : Remarks: This information is not available.

#### Components:

#### Reaction products of diphenylamine with nonene, branched:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg  
Method: OECD Test Guideline 401  
GLP: yes

#### Skin corrosion/irritation

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

#### Product:

Remarks : This information is not available.

#### Components:

#### Reaction products of diphenylamine with nonene, branched:

Species : Rabbit  
Exposure time : 4 h  
Assessment : No skin irritation  
Method : OECD Test Guideline 404  
Result : No skin irritation  
GLP : yes

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### Serious eye damage/eye irritation

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

#### Product:

Remarks : This information is not available.

#### Components:

##### Reaction products of diphenylamine with nonene, branched:

|            |                           |
|------------|---------------------------|
| Species    | : Rabbit                  |
| Assessment | : No eye irritation       |
| Method     | : OECD Test Guideline 405 |
| Result     | : No eye irritation       |
| GLP        | : yes                     |

### Respiratory or skin sensitisation

#### Skin sensitisation

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

#### Respiratory sensitisation

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

#### Product:

Remarks : This information is not available.

#### Components:

##### Reaction products of diphenylamine with nonene, branched:

|            |                                                      |
|------------|------------------------------------------------------|
| Test Type  | : Maximisation Test                                  |
| Species    | : Guinea pig                                         |
| Assessment | : Did not cause sensitisation on laboratory animals. |
| Method     | : OECD Test Guideline 406                            |
| Result     | : Did not cause sensitisation on laboratory animals. |
| GLP        | : yes                                                |

### Germ cell mutagenicity

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

#### Product:

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

#### Components:

##### Reaction products of diphenylamine with nonene, branched:

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**Genotoxicity in vitro** : Test Type: Ames test  
Test system: Salmonella typhimurium  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative  
GLP: yes

Test Type: Micronucleus test  
Test system: Human lymphocytes  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 487  
Result: negative  
GLP: yes

Test Type: gene mutation test  
Test system: Chinese hamster ovary cells  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 476  
Result: negative  
GLP: yes

### Carcinogenicity

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

#### Product:

Remarks : No data available

### Reproductive toxicity

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

#### Product:

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

#### Components:

#### **Reaction products of diphenylamine with nonene, branched:**

Reproductive toxicity - : - Fertility -  
Assessment  
Some evidence of adverse effects on sexual function and fertility, based on animal experiments.

### STOT - single exposure

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

#### Product:

Remarks : No data available

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### STOT - repeated exposure

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

#### Product:

Remarks : No data available

### Repeated dose toxicity

#### Product:

Remarks : This information is not available.

### Aspiration toxicity

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

#### Product:

No aspiration toxicity classification

### Further information

#### Product:

Remarks : Information given is based on data on the components and the toxicology of similar products.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

Toxicity to algae/aquatic plants : Remarks: No data available

Toxicity to microorganisms : Remarks: No data available

#### Components:

#### Reaction products of diphenylamine with nonene, branched:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 0.0013 mg/l  
End point: mortality  
Exposure time: 96 h  
Test Type: static test  
Method: OECD Test Guideline 203

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|                                                     |                                                                                                                                                                                                                                           |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                     | Remarks: No toxicity at the limit of solubility                                                                                                                                                                                           |
| Toxicity to daphnia and other aquatic invertebrates | : EC50 (Daphnia magna (Water flea)): > 100 mg/l<br>Exposure time: 48 h<br>Test Type: Immobilization<br>Method: OECD Test Guideline 202<br>GLP: yes                                                                                        |
| Toxicity to algae/aquatic plants                    | : EL50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l<br>End point: Growth inhibition<br>Exposure time: 72 h<br>Test Type: static test<br>Method: OECD Test Guideline 201<br>Remarks: No toxicity at the limit of solubility |

### 12.2 Persistence and degradability

#### Product:

Biodegradability : Remarks: No data available

Physico-chemical removability : Remarks: No data available

#### Components:

##### **Reaction products of diphenylamine with nonene, branched:**

Biodegradability : Test Type: aerobic  
Result: Not readily biodegradable.  
Biodegradation: 0.4 - 0.6 %  
Exposure time: 60 d  
Method: OECD Test Guideline 309

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: No data available

#### Components:

##### **Reaction products of diphenylamine with nonene, branched:**

Bioaccumulation : Bioconcentration factor (BCF): 1,730  
Remarks: Due to the distribution coefficient n-octanol/water, accumulation in organisms is possible.

Partition coefficient: n-octanol/water : log Pow: > 7.6 (20 °C)  
pH: 6.1 - 6.2

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### 12.4 Mobility in soil

#### Product:

Mobility : Remarks: No data available

Distribution among environmental compartments : Remarks: No data available

#### Components:

##### **Reaction products of diphenylamine with nonene, branched:**

Distribution among environmental compartments : Koc: 107900, log Koc: 5.03

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

#### Product:

Endocrine disrupting potential : This substance/mixture does not contain components considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f) at levels of 0.1% or higher.

Additional ecological information : No information on ecology is available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Waste codes should be assigned by the user based on the application for which the product was used.

The product should not be allowed to enter drains, water courses or the soil.

Do not dispose of with domestic refuse.

Dispose of as hazardous waste in compliance with local and national regulations.

Contaminated packaging : Packaging that is not properly emptied must be disposed of as

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the unused product.  
Dispose of waste product or used containers according to  
local regulations.

The following Waste Codes are only suggestions:

Waste Code : unused product  
13 02 06\*, synthetic engine, gear and lubricating oils

uncleaned packagings  
15 01 10\*, packaging containing residues of or contaminated  
by hazardous substances

## SECTION 14: Transport information

### 14.1 UN number

ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA : Not regulated as a dangerous good

### 14.2 UN proper shipping name

ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA : Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA : Not regulated as a dangerous good

### 14.4 Packing group

ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA (Cargo) : Not regulated as a dangerous good  
IATA (Passenger) : Not regulated as a dangerous good

### 14.5 Environmental hazards

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**ADR** : Not regulated as a dangerous good  
**RID** : Not regulated as a dangerous good  
**IMDG** : Not regulated as a dangerous good

### 14.6 Special precautions for user

Not applicable

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks : Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

|                                                                                                                           |                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UK REACH List of restrictions (Annex 17)                                                                                  | : Conditions of restriction for the following entries should be considered:<br>Number on list 40<br>This substance/mixture shall not be used in aerosol dispensers intended for supply to the general public for entertainment and decorative purposes. |
| UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation (UK SVHC)                             | : This product does not contain substances of very high concern (UK: The REACH etc. (Amendment) Regulations, Article 57).                                                                                                                               |
| The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain) (GB POPs) | : Not applicable                                                                                                                                                                                                                                        |
| Regulation (EU) No 2024/590 on substances that deplete the ozone layer (EC 2024/590)                                      | : Not applicable                                                                                                                                                                                                                                        |
| UK REACH List of substances subject to authorisation (Annex XIV) (UK: REACH Annex XIV)                                    | : Not applicable                                                                                                                                                                                                                                        |
| GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation                                     | : Not applicable                                                                                                                                                                                                                                        |

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by  
UK REACH Regulations SI 2019/758 - GB



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(GB PIC)

The Control of Explosives Precursors and Poisons  
Regulations (Poisons Act, as amended)  
(GB Poisons Act)

Not applicable

Control of Major Accident Hazards Regulations  
2015 (COMAH)

Not applicable

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial and  
livestock rearing emissions (integrated pollution prevention  
and control)  
Volatile organic compounds (VOC) content: 0.02 %

### Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements  
relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the  
Pregnant Workers Directive 92/85/EEC.

## 15.2 Chemical safety assessment

This information is not available.

## SECTION 16: Other information

### Full text of H-Statements

H361f : Suspected of damaging fertility.

### Full text of other abbreviations

Repr. : Reproductive toxicity

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland  
Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by  
Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the  
Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation;  
Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN -  
Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada);  
ECHA - European Chemicals Agency; EC-Number - European Community number; ECx -  
Concentration associated with x% response; ELx - Loading rate associated with x% response;  
EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -  
Concentration associated with x% growth rate response; GHS - Globally Harmonised System;  
GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA -

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International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

### Further information

- || Relevant changes compared to the last edition are highlighted at the left margin. This version replaces all previous editions.

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