

Safety data sheet

according to UK REACH Regulation

Printing date 21.01.2023

Version number 59 (replaces version 58)

Revision: 21.01.2023

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

- **1.1 Product identifier**
 - Trade name **Jowat 930.60**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
 - **Application of the substance / the mixture**
 - Cleaning material
 - Cleaning agent/ Cleaner
- **1.3 Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**
 - Jowat SE
 - Ernst-Hilker-Str. 10 - 14; D - 32758 Detmold
 - Fon +49 (0)5231 749 0
 - e-mail: info@jowat.de
 - www.jowat.de
 - **Department issuing data specification sheet:**
 - Environmental management
 - Tel. +49 5231 749 -218 / -211 / -5460 / -5374
 - e-mail: umweltmanagement@jowat.de
 - **Department providing the information:**
 - Jowat UK Ltd.
 - Lymedale Business Centre
 - Lymedale Business Park
 - Hooters Hall Road
 - Newcastle-under-Lyme
 - Staffordshire
 - ST5 9QF
 - Phone: +44 1782 565265
 - E-mail: nick.orton@jowat.co.uk
- **1.4 Emergency telephone number:** -

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
 - **Classification according to Regulation (EC) No 1272/2008**
The substance is not classified, according to the GB CLP regulation.
- **2.2 Label elements**
 - **Labelling according to Regulation (EC) No 1272/2008** not applicable
 - **Hazard pictograms** not applicable
 - **Signal word** not applicable
 - **Hazard statements** not applicable
- **2.3 Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.1 Substances**
 - **CAS No. Designation:**
Polyesterpolyol

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
 - **General information** No special measures required.
 - **After skin contact**
Instantly wash with water and soap and rinse thoroughly.
The product does not irritate the skin.
 - **After eye contact** Rinse opened eye for several minutes under running water.

(Contd. on page 2)

Safety data sheet according to UK REACH Regulation

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Version number 59 (replaces version 58)

Revision: 21.01.2023

Trade name Jowat 930.60

(Contd. from page 1)

- **After swallowing** In case of persistent symptoms consult physician.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
 - **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
 - **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture** Carbon monoxide (CO)
- **5.3 Advice for firefighters**
 - **Protective equipment:** Do not inhale explosion gases or combustion gases.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or water bodies.
Prevent from spreading (e.g. by damming-in or oil barriers).
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 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.
No dangerous materials are released.

* SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Store in cool, dry place in tightly closed containers.
 - **Information about protection against explosions and fires:** No special measures required.
- **7.2 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.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
 - **Components with critical values that require monitoring in the workplace:** Not required.
 - **Additional information:** The lists that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
 - **Appropriate engineering controls** No further data; see item 7.
 - **Additional information about design of technical systems:** No further data; see item 7.
 - **Individual protection measures, such as personal protective equipment**
 - **General protective and hygienic measures**
Standard precautionary measures for handling chemicals are to be observed.
Wash hands during breaks and at the end of work.
 - **Breathing equipment:** Not necessary if room is well-ventilated.
 - **Hand protection** Protective gloves and barrier cream.
 - **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.

(Contd. on page 3)

Safety data sheet

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(Contd. from page 2)

- No special requirements.
- **Penetration time of glove material** No special requirements.
- **Not suitable are gloves made of the following materials:**
 - Leather gloves
 - Strong gloves
- **Eye/face protection** Safety glasses recommended during refilling and spraying.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

- | | |
|-------------------------------------------------------------------|------------------------|
| · Physical state | Fluid |
| · Colour: | Colourless |
| · Smell: | Light |
| · Odour threshold: | Not determined. |
| · Melting point/freezing point: | ~5 °C |
| · Boiling point or initial boiling point and boiling range | >200 °C |
| · Flammability | Not applicable. |
| · Lower and upper explosion limit | |
| · Lower: | Not determined. |
| · Upper: | Not determined. |
| · Flash point: | 240 °C |
| · Ignition temperature: | >300 °C |
| · Decomposition temperature: | Not determined. |
| · pH | 7 |
| · Viscosity: | |
| · Kinematic viscosity at 20 °C | 120 mm ² /s |
| · dynamic: | Not determined. |
| · Solubility | |
| · Water: | Not determined. |
| · Partition coefficient n-octanol/water (log value) | Not determined. |
| · Vapour pressure: | Not determined. |
| · Density and/or relative density | |
| · Density at 20 °C | 1.1 g/cm ³ |
| · Relative density | Not determined. |
| · Vapour density | Not determined. |

· 9.2 Other information

· VOC - Volatile Organic Compounds

- | | |
|----------------------------------------------|-----------------------|
| · European Union | 0.00 % |
| · Switzerland | 0.00 % |
| · U.S.A (less water and less exempts) | 0.0 g/l / 0.00 lb/gal |

· **Appearance:**

- | | |
|----------------|-------|
| · Form: | Fluid |
|----------------|-------|

· **Important information on protection of health and environment, and on safety.**

- | | |
|----------------------------------|---------------------------|
| · Spontaneous combustion: | Not determined. |
| · Explosive properties: | Product is not explosive. |
| · Solid content: | 100.0 % |

· **Change in condition**

- | | |
|---------------------------|-----------------|
| · Evaporation rate | Not determined. |
|---------------------------|-----------------|

· **Information with regard to physical hazard classes**

- | | |
|--------------------------|----------------|
| · Explosives | not applicable |
| · Flammable gases | not applicable |
| · Aerosols | not applicable |
| · Oxidising gases | not applicable |

(Contd. on page 4)

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(Contd. from page 3)

· Gases under pressure	not applicable
· Flammable liquids	not applicable
· Flammable solids	not applicable
· Self-reactive substances and mixtures	not applicable
· Pyrophoric liquids	not applicable
· Pyrophoric solids	not applicable
· Self-heating substances and mixtures	not applicable
· Substances and mixtures, which emit flammable gases in contact with water	not applicable
· Oxidising liquids	not applicable
· Oxidising solids	not applicable
· Organic peroxides	not applicable
· Corrosive to metals	not applicable
· Desensitised explosives	not applicable

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
 - **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
Inflammable gases/vapours
Carbon monoxide and carbon dioxide

* SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
 - **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values that are relevant for classification:

Polyesterpolyol

Oral	LD50 oral	16,000 mg/kg (rat)
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- **to the skin:** Based on available data, the classification criteria are not met.
- **to the eye:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

· Endocrine disrupting properties

Substance is not listed.

* SECTION 12: Ecological information

- **12.1 Toxicity**

· Aquatic toxicity:

Polyesterpolyol

LC50 / 96 h	550 mg/l (orfe (ide))
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- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.

(Contd. on page 5)

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(Contd. from page 4)

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

- **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

- **12.7 Other adverse effects**

- **Additional ecological information:**

· CSB-value:	
Polyesterpolyol	
CSB	1,695 mg/g (n.a.)
· BSB5-value:	
Polyesterpolyol	
BSB	1,450 mg/g (n.a.)

- **General notes:**

Water hazard class 1 (Assessment by list): slightly hazardous for water.

Do not allow the product to reach ground water, open water or the sewer system, undiluted or in large quantities.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

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

Hand over to disposers of hazardous waste.

- **Uncleaned containers/packaging material:**

- **Recommendation:**

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

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

Packaging with cured adhesive residues can be recycled.

Packaging with cured adhesive residues can be treated as household waste.

SECTION 14: Transport information

· 14.1 UN number or ID number	
· ADR, ADN, IMDG, IATA	not applicable
· 14.2 UN proper shipping name	
· ADR	not applicable
	not applicable
· ADN, IMDG, IATA	not applicable
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	not applicable
· 14.4 Packing group	
· ADR, IMDG, IATA	not applicable
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· UN "Model Regulation":	not applicable

(Contd. on page 6)

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(Contd. from page 5)

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

* SECTION 16: Other information

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

All standard industrial precautions apply, concerning protection of health, and safe handling. The recommendations have to be examined in the context of the application for which the product is intended, and observed as necessary.

Disclaimer:

For this product it is not legally required to provide a safety data sheet as the product is not classified as hazardous.

This document is prepared as a voluntary and additional service to provide general safety information.

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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

vPvB: very Persistent and very Bioaccumulative

- *** Data modified in comparison to the previous version.**