

Safety data sheet

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Safety data sheet according to 91/155/EEC

Version: 1.0

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1. Substance/preparation and company identification

DISPERSING AGENT WS POWDER (Code 2025)

Please note: This is the MSDS provided by the supplier of these goods to FIBRECRAFTS.

FIBRECRAFTS does not have the qualifications necessary to gather such specialised data.

Tel: 01483 565800

2. Composition/information on ingredients

Chemical nature

naphthalenesulfonic acid-formaldehyde-polycondensate as sodium salt

3. Hazard identification

No particular hazards known.

4. First-aid measures

General advice:
Remove contaminated clothing.

If inhaled:
If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

On skin contact:
Wash thoroughly with soap and water.

On contact with eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:
Rinse mouth and then drink plenty of water.

Note to physician:
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-fighting measures

Suitable extinguishing media:
water spray, dry extinguishing media, foam

Unsuitable extinguishing media for safety reasons:
carbon dioxide

Additional information:
Avoid whirling up the material/product because of the danger of dust explosion.

Specific hazards:
harmful vapours
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Special protective equipment:
Wear a self-contained breathing apparatus.

Further information:
The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Personal precautions:
Avoid dust formation. Use personal protective clothing.

Environmental precautions:
Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:
For small amounts: Pick up with suitable appliance and dispose of.
For large amounts: Contain with dust binding material and dispose of.
Avoid raising dust.

7. Handling and storage

Handling

Breathing must be protected when large quantities are decanted without local exhaust ventilation. Shut containers immediately after taking product because product takes up the humidity of air.

Protection against fire and explosion:

Avoid dust formation. Take precautionary measures against static discharges. Sources of ignition should be kept well clear.

Storage

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

8. Exposure controls and personal protection

Components with workplace control parameters

50-00-0: formaldehyde (Content (W/W): < 0,05 %)

TWA value 2,5 mg/m³ ; 2 ppm (COSHH OEL (GB))

STEL value 2,5 mg/m³ ; 2 ppm (COSHH OEL (GB))

Refer to the current edition of HSE Guidance Note EH40 Occupational Exposure Limits (United Kingdom).

Personal protective equipment

Respiratory protection:

Suitable respiratory protection for lower concentrations or short-term effect: Particle filter EN 143 Type P2, medium efficiency, (solid and liquid particles of harmful substances).

Hand protection:

Chemical resistant protective gloves (EN 374)

e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other
Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Safety glasses with side-shields (frame goggles) (EN 166)

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended.

9. Physical and chemical properties

Form: powder

Colour:	light brown	
Odour:	odourless	
pH value:	6,5 - 7,5 (100 g/l, 23 °C)	
Melting temperature:	> 260 °C The substance / product decomposes.	
Flash point:	> 100 °C	(DIN 51758)
Ignition temperature:	> 200 °C	(DIN 51794)
Bulk density:	500 - 600 kg/m ³ (20 °C)	
Solubility in water:	approx. 550 g/l (20 °C)	
Solubility (qualitative) solvent(s):	polar solvents soluble	

10. Stability and reactivity

Conditions to avoid:
Avoid humidity.

Hazardous reactions:
Dust explosion hazard.

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological information

LD50/oral/rat: > 2.000 mg/kg

Primary skin irritation/rabbit: non-irritant (OECD Guideline 404)

Primary irritations of the mucous membrane/rabbit: non-irritant (OECD Guideline 405)

Sensitization/Buehler test/guinea pig: Non-sensitizing. (OECD Guideline 406)

Additional information:

Substances of similar chemical composition, with liberateable formaldehyde, can cause skin sensitization on close contact.

The statement was derived from products of similar composition.

12. Ecological information

Ecotoxicity

Toxicity to fish:

Leuciscus idus/LC50 (96 h): 100 - 500 mg/l

Microorganisms/Effect on activated sludge:

DEV-L2

activated sludge/EC10: > 1.000 mg/l

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Persistence and degradability

Elimination information

Test method: OECD 303A; ISO 11733; 92/69 EEC,V, C.10 (aerobic)

Method of analysis: COD reduction

Degree of elimination: 30 - 70 %

Evaluation: Moderately/partially eliminated from water.

Chemical oxygen demand (COD): approx. 1.300 mg/g

Other adverse effects

Adsorbable organically-bound halogen (AOX):

This product contains no organically-bound halogen.

13. Disposal considerations

Must be dumped or incinerated in accordance with local regulations.

The waste codes are manufacturer's recommendations based on the designated use of the product. Other use and special waste disposal treatment on customer's location may require different waste-code assignments.

Contact the manufacturer directly in case of waste disposal problems with the assigned waste-codes.

The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom).

Waste key:
040212 Non-halogenated wastes from dressing and finishing

Contaminated packaging:
Uncontaminated packs can be re-used.
Packs that cannot be cleaned should be disposed of in the same manner as the contents.

14. Transport information

Not classified as hazardous under transport regulations (ADR RID ADNR IMDG/GGVSee ICAO/IATA)

15. Regulatory information

Regulations of the European union (Labelling) / National legislation/Regulations

EEC Directives:

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

Other regulations

The data should be considered when making any assessment under the UK Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example, 'COSHH Essentials' (United Kingdom).

16. Other information

Information on intended use: This product is of industrial quality and unless otherwise specified or agreed intended exclusively for industrial use. This includes the mentioned and recommended usage. Any other intended applications should be discussed with the manufacturer. In particular this concerns the application for products that are the object of special standards and regulations.

Vertical lines in the left hand margin indicate an amendment from the previous version.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.