

Safety Data Sheet
according to EC Directive VO (EG) 1272/2008

Version: 4-1 - Revised: 30/10/2016 - Date of print: 10 July, 2017

W-SP 20 - Special lubricant

1. Substance or Preparation and Company name

Substance: **W-SP 20 – Special lubricant**

Range of applications: Industry: Lubricants
Applications: Cutting and non-cutting metal-shaping processes

Uses advised against: Toys, decorations, combustible materials

Company name: **microjet GmbH Minimum consumption lubricating systems**
Im Husarenlager 13
D-76187 Karlsruhe
Phone: 0049 (0)7 21 / 27 66 97 0 - Fax: 0049 (0)7 21 / 27 66 97 90
E-mail: info@microjet.de
Emergency telephone number: as above

2. Potential hazards

-Classification according to Directive 1272/2008:
Not classified

-Classification according to Directive 67/548/EEC:
Not classified

-Labelling according to Directive 1272/2008:
None
No classification under CLP.

-Hazard pictograms:
None

-Signal word:
No signal word

-Precautionary statements:
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P270 Do not eat, drink or smoke when using this product.

3. Composition – Information on ingredients

- Chemical characterization: Mixtures

- Dangerous components: Contains no hazardous constituent according to EC Regulation no. 1907/2006.
Product complies with the following directives and regulations:
SCANIA STD4158 and SCANIA STD4159, VDA 232 101, Daimler DBL 6714, IMDS IRLSTD 101, GMW 3059.

4. *First-aid measures

- Eyes: Thoroughly flush the eyes with warm water.

- Ingestion: Consult a physician, do not induce vomiting.

5. Fire-fighting measures

- Extinguishing agents: CO₂, dry powder, foam.
Do not use jets of water, cool endangered containers with water.

6. Measures on unintentional release

Collect and dispose of product with absorbing material (sand, oil binding sawdust, etc.).
Do not allow product to reach sewers.

7. Handling and storage

Store barrels only in horizontal position outdoors.
Tightly close containers after use, as otherwise water and dirt could penetrate!

- Storage class of concentrate according to VCI (Federation of German Chemical Industry): Storage Class 10

- H phrases: None

- P phrases: P260, P270

8. Limitation of exposure and personal protective equipment

- **Occupational Exposure Limits:**
- **Hand protection:**

Observe general industrial hygiene usual when handling chemicals and lubricants.
Change your work clothing when it is impregnated.
not applicable.

Water-soluble protective skin creams, for intensive contact wear protective gloves made of nitrile rubber.

Minimum rupture time: (glove) not determined

Minimum layer thickness: not determined

Take into consideration the information supplied by the glove manufacturer regarding permeability and rupture time, and the particular conditions at the workplace as well.

Wear safety goggles whenever there is a risk of splashes.

Protective work clothing.

- **Eye protection:**

- **Body protection:**

Do not inhale spray- or oil mist.

9. Physical and chemical properties

- **Form:** liquid
- **Colour:** clear
- **Odour:** specific
- **Pour point:** approx. -35 °C
- **Flash point:** > +170 °C
- **Density:** approx. 0.89 g/cm³
- **Vapour pressure:** < 0.001 mbar
- **Viscosity:** approx. 20 mm²/s (at 20 °C)
- **Solubility:** insoluble in water, others not determined
- **pH value:** not applicable
- **Inflammation temperature:** not determined
- **Explosion limit values:** not determined

10. Stability and reactivity

- **Thermal decomposition:** None when handled properly.
- **Hazardous decomposition products:** Under normal storage and terms of use no hazardous decomposition products.
- **Hazardous reactions:** Reaction with strong mineral acids possible

11. Toxicological data

LD₅₀ (Rat orally) > 8000 mg/kg

Experience of many years of practical use has shown that product can be used without any health hazard when handled properly, while taking into consideration the usual industrial hygiene.

12. Ecological data

- **General notes:** Appendix 3+4 "not hazardous for water"
Do not allow product to reach ground water, water course or sewage system.
- **AOX:** No one of the adsorbable organohalogens is detectable in the product.

13. Disposal instructions

- **Waste disposal code according to European Waste Catalogue:**

Disposal must be made according to official regulations.

13 02 06 (ESKV)

When taking into consideration the regulations issued by the local authorities, product may be directed to a controlled incinerator plant.

In compliance with the local regulations the product can be supplied to a controlled incinerator.

After use PE-container have to be performed to a waste incineration plant.

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14. Transport data

Product is no hazardous substance for regarding transport; carry apart from food and luxury food products.

15. Regulations

Product is no hazardous substance according to the applicable versions of the German Decree on the Transport of Hazardous Substances, the German Regulations regarding Chemicals and the EC Guide to Classification and Labelling. Constituents are listed in EEC EINECS and in US TSCA.

EG Directive VO (EG) 1907/2006(REACH) Appendix XIV List of substances subject to authorization - Substance of Very High Concern:
No component is listed

- **Danger class for water:**
- **Directives:**

see point 12, WGK 1 (VwVwS 17.05.1999 Anh. 3)
Complies with directives VDA 232 101, Daimler DBL 6714 and 6757,
SCANIA STD4158, SCANIA STD4159, IMDS IRLSTD 101, GMW 3059
DSL (Canada), SARA/EPA (USA).

16. *Miscellaneous data

- **P phrases:**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.

The above-mentioned data reflect our present state of knowledge. They do not imply any guarantee regarding the product's properties. The present safety data sheet describes the product regarding safety requirements only. Users are kindly requested to handle the present data confidentially and to disclose them for in-house purposes only.

***Data changed compared to the previous version.**