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

1.1. Product identifier
DREI-S-WERK AWF 1400

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture
High-temperature lubricating paste

1.3. Details of the supplier of the safety data sheet
Company name: Erik M. Schmauser
Humidity and Power
Street: Austr. 41
Place: D-91126 Schwabach, Germany
Telephone: +49 (0)9122 888 580
Fax: +49 (0)9122 888 581
Contact person: David Harrow
Email: dvere.drei-s-werk.de
Internet: www.drei-s-werk.de

1.4. Emergency telephone number
Tel.: +49 (0)157 83517264 (Mo – Fr. 08:00 – 16:00 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Regulation (EC) No. 1272/2008
This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements
Regulation (EC) No. 1272/2008
Special labelling of certain mixtures
EUH210 Safety data sheet available on request.

2.3. Other hazards
No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
Chemical characterization
Grease highly refined mineral oils with the addition of solid lubricants and EP additives.

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>68425-15-0</td>
<td>DODECYLTRISULFID</td>
<td>1 - &lt; 5 %</td>
</tr>
<tr>
<td>270-335-7</td>
<td>Aquatic Chronic 4; H413</td>
<td></td>
</tr>
</tbody>
</table>

Further Information
Full text of H and EUH statements: see section 16.
Safety Data Sheet

according to Regulation (EC) No 1907/2006

DREI-S-WERK AWF 1400

Print date: 04.11.2016  Product code: DREI-S-WERK AWF 1400
Contains highly refined mineral oil (IM 346 DMSO extract <3%).
SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation
Provide fresh air.

After contact with skin
Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes
Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion
Rinse mouth immediately and drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed
No information available.

4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Co-ordinate fire-fighting measures to the fire surroundings.

5.3. Advice for firefighters
In case of fire: Wear self-contained breathing apparatus.

Additional information
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Use personal protection equipment.

6.2. Environmental precautions
Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections
Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Advice on safe handling
No special measures are necessary.

Advice on protection against fire and explosion
No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels
Keep container tightly closed.
Advice on storage compatibility
No special measures are necessary.

7.3. Specific end use(s)
High-temperature lubricating paste

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Additional advice on limit values
Components with workplace to control parameters: Oil mist benchmark (sum of aerosol and vapor): 10 mg / m³ air. Oil mist: 10mg / m³ (TLV-STEL 15 minutes).

8.2. Exposure controls

Appropriate engineering controls
If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Protective and hygiene measures
Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection
Wear eye/face protection.

Hand protection
When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Protective gloves of Viton or nitrile. Permeation time> 480 minutes. It is recommended to check the chemical resistance of the aforementioned protective gloves for special applications with the glove manufacturer.

Skin protection
Wear suitable protective clothing.

Respiratory protection
In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>Paste beige</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour:</td>
<td>characteristic</td>
</tr>
<tr>
<td>Odour:</td>
<td></td>
</tr>
</tbody>
</table>

| pH-Value:                  | not determined |

<table>
<thead>
<tr>
<th>Changes in the physical state</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point:</td>
</tr>
<tr>
<td>Initial boiling point and boiling range:</td>
</tr>
<tr>
<td>drop point:</td>
</tr>
</tbody>
</table>
Safety Data Sheet

DREI-S-WERK AWF 1400

Product code: DREI-S-WERK AWF 1400

Print date: 04.11.2016

Flash point: > 200 °C DIN ISO 2592

Sustaining combustion: No data available

Flammability
- Solid: not applicable
- Gas: not applicable

Lower explosion limits: not determined
Upper explosion limits: not determined

Auto-ignition temperature
- Solid: not applicable
- Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties
- Not oxidizing.

Vapour pressure: <0,1 hPa
(at 20 °C)

Density (at 20 °C): 0,950 g/cm³ DIN 51757

Solubility in other solvents
- not determined

Partition coefficient: not determined

Vapour density: not determined

Evaporation rate: not determined

9.2. Other information
- Solid content: not determined

SECTION 10: Stability and reactivity

10.1. Reactivity
- No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability
- The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions
- No known hazardous reactions.

10.4. Conditions to avoid
- none

10.5. Incompatible materials
- No information available.

10.6. Hazardous decomposition products
- No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Additional information on tests

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].
SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

No information available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Waste disposal number of waste from residues/unused products

120112 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; spent waxes and fats Classed as hazardous waste.

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.
14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards
ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user
No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU regulatory information
2010/75/EU (VOC): not applicable.
2004/42/EC (VOC): not applicable.

Additional information

15.2. Chemical safety assessment
Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms
ADR: Accord européen sur le transport 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 Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)
H413 May cause long lasting harmful effects to aquatic life.
EUH210 Safety data sheet available on request.

Further Information
The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.