



263-NP

## SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier**  
GHS Product Identifier Not applicable.  
Chemical Name Not applicable.  
Trade name 263-NP-84.0, 280-NP-84.5, 280-NP-86.0  
CAS No. Mixture  
EINECS No. Mixture
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
Identified use(s) Mineral Bearing Lubricant  
Uses advised against None.
- 1.3 Details of the supplier of the safety data sheet**  
Company Identification Permawick Company  
3110 Permawick Drive  
Columbus, IN, 47201 U.S.A.  
Telephone +1 (812) 376-0703  
Fax +1 (812) 372-1410  
E-Mail (competent person) sales@permawick.com  
Only Representative Experien Chemical Services (Europe) Limited  
PO Box 170  
Thirsk YO7 9AN UK  
Telephone +44 7791 573385 (UK 9am to 5pm)
- 1.4 Emergency telephone number**  
Emergency Phone No. Monday - Friday, 8 am – 4:30 p.m. (EST) (812) 376-0703  
CHEMTREC 24 hr. +1 (703) 527-3887 (Collect call accepted)

### SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**  
Regulation (EC) No. 1272/2008 (CLP). Not classified as dangerous for supply/use.
- 2.2 Label elements**  
Hazard Symbol None  
Signal word(s) None  
Hazard statement(s) None  
Precautionary statement(s) None
- 2.3 Other hazards** Not classified as PBT or vPvB.
- 2.4 Additional Information** None

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

Regulation (EC) No. 1272/2008 (CLP).

| Hazardous ingredient(s)                                       | %W/W     | EC No. and CAS#         | According to Regulation (EC) No. 1272/2008 (CLP) |
|---|----------|-------------------------|--|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic * ^ | 60 - 100 | 265-169-7<br>64742-65-0 | Not classified.                                  |

\* Contains less than 3% DMSO extractable as measured by IP 346 method. Notes H and L apply. ^ Not yet subject to REACH registration.

**3.3 Additional Information** - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below. **None**

For full text of H/P phrases see section 16.

**SECTION 4: FIRST AID MEASURES**



|            |   |   |
|------------|---|---|
| <b>4.1</b> | <b>Description of first aid measures</b>  |   |
|            | Inhalation  | Unlikely to be required but if necessary treat symptomatically.                         |
|            | Skin Contact  | Wash affected skin with soap and water.   |
|            | Eye Contact   | Eyes should be washed with plenty of water. If symptoms occur obtain medical attention. |
|            | Ingestion   | Unlikely to be required but if necessary treat symptomatically.                         |
| <b>4.2</b> | <b>Most important symptoms and effects, both acute and delayed</b>                | None  |
| <b>4.3</b> | <b>Indication of the immediate medical attention and special treatment needed</b> | None  |

**SECTION 5: FIRE-FIGHTING MEASURES**

|            |  |  |
|------------|--|--|
| <b>5.1</b> | <b>Extinguishing media</b>                                   |  |
|            | -Suitable Extinguishing Media                                | Extinguish with waterspray, dry chemical, sand or carbon dioxide.  |
|            | -Unsuitable Extinguishing Media                              | None anticipated.  |
| <b>5.2</b> | <b>Special hazards arising from the substance or mixture</b> | This product may give rise to hazardous fumes in a fire.   |
| <b>5.3</b> | <b>Advice for fire-fighters</b>                              | A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. |

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

|            |  |  |
|------------|--|--|
| <b>6.1</b> | <b>Personal precautions, protective equipment and emergency procedures</b> | Avoid skin contact. Avoid contact with eyes.   |
| <b>6.2</b> | <b>Environmental precautions</b>   | Use appropriate container to avoid environmental contamination.  |
| <b>6.3</b> | <b>Methods and material for containment and cleaning up</b>                | Contain and cover spilled substance with dry sand or earth or other suitable dry material. Transfer to a container for disposal or recovery. |
| <b>6.4</b> | <b>Reference to other sections</b>   | None   |
| <b>6.5</b> | <b>Additional Information</b>  | None.  |

**SECTION 7: HANDLING AND STORAGE**

|            |   |  |
|------------|---|--|
| <b>7.1</b> | <b>Precautions for safe handling</b>                                | Avoid skin contact. Avoid contact with eyes. |
| <b>7.2</b> | <b>Conditions for safe storage, including any incompatibilities</b> |  |
|            | -Storage Temperature  | Store at room temperature.                   |
|            | -Incompatible materials   | Strong oxidising agents.                     |
| <b>7.3</b> | <b>Specific end use(s)</b>  | Synthetic Bearing Lubricant                  |

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

|              |                                     |
|--------------|-------------------------------------|
| <b>8.1</b>   | <b>Control parameters</b>           |
| <b>8.1.1</b> | <b>Occupational Exposure Limits</b> |

| SUBSTANCE. | CAS No. | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m <sup>3</sup> ) | STEL (ppm) | STEL (mg/m <sup>3</sup> ) | Note: |
|------------|---------|---------------------|------------------------------------|------------|---------------------------|-------|
| None known | -----   | -----               | -----                              | -----      | -----                     | ----- |

| Limit value type (country of origin) | SUBSTANCE. | CAS No. | Biological limit value | Note: |
|--------------------------------------|------------|---------|------------------------|-------|
| None known                           | -----      | -----   | -----                  | ----- |

- 8.1.2 Recommended monitoring method** Not available
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls** Not normally required.
- 8.2.2 Personal protection equipment**
- Eye/face protection Safety spectacles.
- 
- Skin protection (Hand protection/ Other) Not normally required.
- 
- Respiratory protection Not normally required.
- 
- Thermal hazards Not normally required.
- 8.2.3 Environmental Exposure Controls** Not normally required.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|  |                          |
|--|--------------------------|
| Appearance                               | Granular wet             |
| Colour.                                  | Amber To gray            |
| Odour                                    | Fuel oil-like.           |
| Odour threshold (ppm)                    | Not available            |
| pH (Value)                               | Not available            |
| Melting point (°C) / Freezing point (°C) | Not available            |
| Boiling point/boiling range (°C):        | Not available            |
| Flash point (°C)                         | 213 [Cleveland Open cup] |
| Evaporation rate                         | Not available            |
| Flammability (solid, gas)                | Not available            |
| Explosive limit ranges                   | Not available            |
| Vapour pressure (Pascal)                 | Not available            |
| Vapour density (Air=1)                   | Not available            |
| Density (g/ml)                           | 0.87                     |
| Solubility (Water)                       | Negligible.              |
| Solubility (Other)                       | Not available            |
| Partition coefficient (n-Octanol/water)  | Not available            |
| Auto ignition point (°C)                 | Not available            |
| Decomposition temperature (°C)           | Not available            |
| Kinematic Viscosity (cSt) @ 40°C         | 58                       |
| Explosive properties                     | Not explosive.           |



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|     |                      |                |
|-----|----------------------|----------------|
|     | Oxidising properties | Not oxidising. |
| 9.2 | Other information    | Not available. |

### SECTION 10: STABILITY AND REACTIVITY

|      |                                    |   |
|------|------------------------------------|---|
| 10.1 | Reactivity                         | Stable under normal conditions.                               |
| 10.2 | Chemical stability                 | Stable.   |
| 10.3 | Possibility of hazardous reactions | None anticipated.   |
| 10.4 | Conditions to avoid                | None  |
| 10.5 | Incompatible materials             | Oxidizers   |
| 10.6 | Hazardous Decomposition Product(s) | Carbon monoxide, Carbon dioxide, Nitrogen, phosphorous oxides |

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

##### 11.1.1 Substances

Not applicable

##### 11.1.2 Mixtures - By analogy with similar materials:

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Acute toxicity                    | Not to be expected.                |
| Skin corrosion/irritation         | Unlikely to cause skin irritation. |
| Serious eye damage/irritation     | Unlikely to cause eye irritation.  |
| Respiratory or skin sensitization | Not to be expected.                |
| Germ cell mutagenicity            | Not to be expected.                |
| Carcinogenicity                   | Not to be expected.                |
| Reproductive toxicity             | Not to be expected.                |
| STOT - single exposure            | Not to be expected.                |
| STOT - repeated exposure          | Not to be expected.                |
| Aspiration hazard                 | Not to be expected.                |

##### 11.1.3 Substances in preparations / mixtures

Distillates (petroleum), solvent-dewaxed heavy paraffinic (CAS No. 64742-65-0)

|                |   |
|----------------|---|
| Acute toxicity | LD50 > 5000 mg/kg (rat)<br>LC50 = 2.18 mg/l (4 hour(s)) (rat)<br>LD50 > 2000 mg/kg (rabbit) |
|----------------|---|

|                                   |                              |
|-----------------------------------|------------------------------|
| Skin corrosion/irritation         | Non-irritant.                |
| Serious eye damage/irritation     | Non-irritant.                |
| Respiratory or skin sensitization | It is not a skin sensitiser. |
| Germ cell mutagenicity            | Negative                     |
| Carcinogenicity                   | Negative                     |
| Reproductive toxicity             | Not to be expected.          |
| STOT - single exposure            | Not to be expected.          |
| STOT - repeated exposure          | Not to be expected.          |
| Aspiration hazard                 | Not applicable               |

|      |                   |             |
|------|-------------------|-------------|
| 11.2 | Other information | None known. |
|------|-------------------|-------------|

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

##### Substances in preparations / mixtures

Distillates (petroleum), solvent-dewaxed heavy paraffinic (CAS No. 64742-65-0)

|                |  |
|----------------|--|
| Acute toxicity | NOEL $\geq$ 100 mg/l (96 hour) ( <i>P. promelas</i> )<br>NOEL $\geq$ 10,000 mg/l (96 hour) ( <i>G. pulex</i> ) |
| Long Term      | NOEL $\geq$ 100 mg/l (72 hour) ( <i>P. subcapitata</i> )<br>NOEL = 10 mg/l (21 days) ( <i>D. magna</i> )       |

|      |                               |   |
|------|-------------------------------|---|
| 12.2 | Persistence and degradability | There is evidence of degradation in soil and water. |
|------|-------------------------------|---|



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|      |   |  |
|------|---|--|
| 12.3 | <b>Bioaccumulative potential</b>          | The substance has low potential for bioaccumulation. |
| 12.4 | <b>Mobility in soil</b>                   | The product has low mobility in soil.                |
| 12.5 | <b>Results of PBT and vPvB assessment</b> | Not classified as PBT or vPvB.                       |
| 12.6 | <b>Other adverse effects</b>              | None known.  |

### SECTION 13: DISPOSAL CONSIDERATIONS

|      |                                |  |
|------|--------------------------------|--|
| 13.1 | <b>Waste treatment methods</b> | Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice. |
| 13.2 | <b>Additional Information</b>  | None known.  |

### SECTION 14: TRANSPORT INFORMATION

|                              | <b>Land transport<br/>(ADR/RID)</b> | <b>Sea transport<br/>(IMDG)</b>                   | <b>Air transport<br/>(ICAO/IATA)</b> |
|------------------------------|-------------------------------------|---|--------------------------------------|
| UN number                    |                                     |   |                                      |
| Proper Shipping Name         |                                     | <b>Not classified as dangerous for transport.</b> |                                      |
| Transport hazard class(es)   |                                     |   |                                      |
| Packing group                |                                     |   |                                      |
| Environmental hazards        |                                     |   |                                      |
| Special precautions for user |                                     |   |                                      |

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

### SECTION 15: REGULATORY INFORMATION

|        |  |                  |
|--------|--|------------------|
| 15.1   | <b>Safety, health and environmental regulations/legislation specific for the substance or mixture:</b> |                  |
| 15.1.1 | <b>EU regulations</b>  | <b>Listed</b>    |
|        | Regulation (EC) 2037/2000 - Dangerous to the ozone layer.  | No.              |
|        | Regulation (EC) 850/2004 - Persistent Organic Pollutants   | No.              |
|        | Regulation (EC) 689/2008 - Export/Import of Dangerous Chemicals  | No.              |
|        | Regulation (EC) 1907/2006 - REACH Authorisations and/or restrictions on use                            | No.              |
| 15.1.2 | <b>National regulations</b>  | Not established. |
| 15.2   | <b>Chemical Safety Assessment</b>  | Not applicable   |

### SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 2, 3, 11, 16.

#### Hazard statement(s) and Precautionary statement(s):

- Not applicable

#### GHS Classification

- Not classified as dangerous for supply/use.

**Training advice:** None.

**Additional Information:** None.

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