



# SAFETY DATA SHEET

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

### 1.1. Product identifier

|  |   |
|--|---|
| Trade name or designation of the mixture | LPS® ThermaPlex® CS Moly Bearing Grease |
| Registration number                      | -                                       |
| Synonyms                                 | None.                                   |
| Part Number                              | 70806, 70814, M70806, M70814            |
| Issue date                               | 05-January-2017                         |
| Version number                           | 01                                      |

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

|                      |  |
|----------------------|--|
| Identified uses      | A lubricating grease intended for bearings offering high performance, enhanced load carrying ability and shock loading protection. |
| Uses advised against | None known.  |

### 1.3. Details of the supplier of the safety data sheet

|                      |  |
|----------------------|--|
| Supplier             | AlSCO Ltd  |
| Company name         | Unit 13 Hillmead Industrial Estate                                   |
| Address              | Marshall Road<br>Swindon, Wiltshire<br>United Kingdom SN5 5FZ        |
| Telephone            | +44 1793 733 900   |
| In Case of Emergency | +001 703-527-3887  |
| Manufacturer         |  |
| Company name         | ITW Pro Brands   |
| Address              | 4647 Hugh Howell Rd., Tucker, GA 30084 (U.S.A.)                      |
| Website              | <a href="http://www.lpslabs.com">http://www.lpslabs.com</a>          |
| e-mail               | <a href="mailto:lpssds@itwprobrands.com">lpssds@itwprobrands.com</a> |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Directive 67/548/EEC or 1999/45/EC as amended

Classification Xi;R36

The full text for all R-phrases is displayed in section 16.

#### Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

#### Health hazards

|                                   |            |                                       |
|-----------------------------------|------------|---------------------------------------|
| Serious eye damage/eye irritation | Category 2 | H319 - Causes serious eye irritation. |
|-----------------------------------|------------|---------------------------------------|

#### Hazard summary

|                       |   |
|-----------------------|---|
| Physical hazards      | Not classified for physical hazards.  |
| Health hazards        | Irritating to eyes. Occupational exposure to the substance or mixture may cause adverse health effects. |
| Environmental hazards | Not classified for hazards to the environment.  |
| Specific hazards      | Irritating to eyes.   |
| Main symptoms         | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.   |

### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

|           |  |
|-----------|--|
| Contains: | 1-Decene Homopolymer, Calcium carbonate, Heavy Hydrotreated Naphthenic Distillates (petroleum), Molybdenum Disulfide, Zinc Dialkyldithio Phosphate |
|-----------|--|

**Hazard pictograms****Signal word**

Warning

**Hazard statements**

H319

Causes serious eye irritation.

**Precautionary statements****Prevention**

P264

Wash thoroughly after handling.

P280

Wear eye protection/face protection.

**Response**

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313

If eye irritation persists: Get medical advice/attention.

**Storage**

Store away from incompatible materials.

**Disposal**

P501

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Supplemental label information**

None.

**2.3. Other hazards**

57,98% of the mixture consists of ingredient(s) of unknown toxicity.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****General information**

| Chemical name   | %                                   | CAS-No. / EC No.        | REACH Registration No. | INDEX No.    | Notes |
|---|-------------------------------------|-------------------------|------------------------|--------------|-------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) | 30 - 60                             | 64742-52-5<br>265-155-0 | -                      | 649-465-00-7 |       |
| <b>Classification:</b>                                |                                     |                         |                        |              |       |
| <b>DSD:</b>   | -                                   |                         |                        |              | L     |
| <b>CLP:</b>   | Asp. Tox. 1;H304                    |                         |                        |              | L     |
| 1-Decene Homopolymer                                  | 10 - 30                             | 68037-01-4<br>500-183-1 | -                      | -            |       |
| <b>Classification:</b>                                |                                     |                         |                        |              |       |
| <b>DSD:</b>   | T;R23                               |                         |                        |              |       |
| <b>CLP:</b>   | Asp. Tox. 1;H304                    |                         |                        |              |       |
| Calcium carbonate                                     | 1 - 10                              | 471-34-1<br>207-439-9   | -                      | -            |       |
| <b>Classification:</b>                                |                                     |                         |                        |              |       |
| <b>DSD:</b>   | -                                   |                         |                        |              |       |
| <b>CLP:</b>   | -                                   |                         |                        |              |       |
| Molybdenum Disulfide                                  | 1 - 3                               | 1317-33-5<br>215-263-9  | -                      | -            |       |
| <b>Classification:</b>                                |                                     |                         |                        |              |       |
| <b>DSD:</b>   | -                                   |                         |                        |              |       |
| <b>CLP:</b>   | -                                   |                         |                        |              |       |
| Zinc Dialkylditho Phosphate                           | < 2                                 | 68649-42-3<br>272-028-3 | -                      | -            |       |
| <b>Classification:</b>                                |                                     |                         |                        |              |       |
| <b>DSD:</b>   | -                                   |                         |                        |              |       |
| <b>CLP:</b>   | Skin Irrit. 2;H315, Eye Dam. 1;H318 |                         |                        |              |       |

## List of abbreviations and symbols that may be used above

CLP: Regulation No. 1272/2008.

DSD: Directive 67/548/EEC.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

#: This substance has been assigned Community workplace exposure limit(s).

**Composition comments** The full text for all R- and H-phrases is displayed in section 16.

## SECTION 4: First aid measures

**General information** Not available.

### 4.1. Description of first aid measures

**Inhalation** Move to fresh air. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Ingestion** Rinse mouth thoroughly. Get medical attention if symptoms occur.

**4.2. Most important symptoms and effects, both acute and delayed** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**4.3. Indication of any immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically. Keep victim under observation.

## SECTION 5: Firefighting measures

**General fire hazards** No unusual fire or explosion hazards noted.

### 5.1. Extinguishing media

**Suitable extinguishing media** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture** During fire, gases hazardous to health may be formed.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Special fire fighting procedures** Use water spray to cool unopened containers.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.

**For emergency responders** Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

**6.2. Environmental precautions** Avoid discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up** Prevent entry into waterways, sewer, basements or confined areas.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

**6.4. Reference to other sections** Use personal protection recommended in Section 8 of the SDS. For waste disposal, see section 13.

## SECTION 7: Handling and storage

- 7.1. Precautions for safe handling** Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
- 7.2. Conditions for safe storage, including any incompatibilities** Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).
- 7.3. Specific end use(s)** Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Belgium. Exposure Limit Values.

| Components   | Type | Value    | Form  |
|--|------|----------|-------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | STEL | 10 mg/m3 | Mist. |
|  | TWA  | 5 mg/m3  | Mist. |

##### Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work

| Components   | Type | Value   |
|--|------|---------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | TWA  | 5 mg/m3 |

##### Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended.

| Components                       | Type | Value    |
|----------------------------------|------|----------|
| Calcium carbonate (CAS 471-34-1) | TWA  | 10 mg/m3 |

##### Denmark. Exposure Limit Values

| Components   | Type | Value   | Form  |
|--|------|---------|-------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | TLV  | 1 mg/m3 | Mist. |

##### Finland. Workplace Exposure Limits

| Components                       | Type | Value    | Form  |
|----------------------------------|------|----------|-------|
| Calcium carbonate (CAS 471-34-1) | TWA  | 10 mg/m3 | Dust. |

##### France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984

| Components                       | Type | Value    |
|----------------------------------|------|----------|
| Calcium carbonate (CAS 471-34-1) | VME  | 10 mg/m3 |

##### Greece. OELs (Decree No. 90/1999, as amended)

| Components   | Type | Value   | Form  |
|--|------|---------|-------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | TWA  | 5 mg/m3 | Mist. |

##### Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

| Components   | Type    | Value   | Form  |
|--|---------|---------|-------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | Ceiling | 5 mg/m3 | Mist. |

##### Iceland. OELs. Regulation 154/1999 on occupational exposure limits

| Components   | Type | Value   | Form  |
|--|------|---------|-------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | TWA  | 1 mg/m3 | Mist. |

**Ireland. Occupational Exposure Limits**

| Components   | Type | Value   | Form                |
|--|------|---------|---------------------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | TWA  | 5 mg/m3 | Inhalable fraction. |

**Italy. Occupational Exposure Limits**

| Components   | Type | Value   | Form                |
|--|------|---------|---------------------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | TWA  | 5 mg/m3 | Inhalable fraction. |

**Latvia. OELs. Occupational exposure limit values of chemical substances in work environment**

| Components                       | Type | Value   |
|----------------------------------|------|---------|
| Calcium carbonate (CAS 471-34-1) | TWA  | 6 mg/m3 |

**Lithuania. OELs. Limit Values for Chemical Substances, General Requirements**

| Components   | Type | Value   | Form           |
|--|------|---------|----------------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | STEL | 3 mg/m3 | Fume and mist. |
|  | TWA  | 1 mg/m3 | Fume and mist. |

**Netherlands. OELs (binding)**

| Components   | Type | Value   | Form  |
|--|------|---------|-------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | TWA  | 5 mg/m3 | Mist. |

**Norway. Administrative Norms for Contaminants in the Workplace**

| Components   | Type | Value   | Form  |
|--|------|---------|-------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | TLV  | 1 mg/m3 | Mist. |

**Poland. MACs. Regulation regarding maximum permissible concentrations and intensities of harmful factors in the work environment, Annex 1**

| Components                       | Type | Value    | Form                |
|----------------------------------|------|----------|---------------------|
| Calcium carbonate (CAS 471-34-1) | TWA  | 10 mg/m3 | Inhalable fraction. |

**Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)**

| Components   | Type | Value    | Form    |
|--|------|----------|---------|
| Calcium carbonate (CAS 471-34-1)                                       | TWA  | 10 mg/m3 |         |
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | STEL | 10 mg/m3 | Aerosol |
|  | TWA  | 5 mg/m3  | Aerosol |

**Romania. OELs. Protection of workers from exposure to chemical agents at the workplace**

| Components   | Type | Value    |
|--|------|----------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | STEL | 10 mg/m3 |
|  | TWA  | 5 mg/m3  |

**Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents**

| Components   | Type | Value   | Form           |
|--|------|---------|----------------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | STEL | 3 mg/m3 | Fume and mist. |

**Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents**

| Components | Type | Value                                  | Form   |
|------------|------|--|--|
|            | TWA  | 15 ppm<br>1 mg/m <sup>3</sup><br>5 ppm | Fume and mist.<br>Fume and mist.<br>Fume and mist. |

**Spain. Occupational Exposure Limits Components**

| Components   | Type | Value                | Form  |
|--|------|----------------------|-------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | STEL | 10 mg/m <sup>3</sup> | Mist. |
|  | TWA  | 5 mg/m <sup>3</sup>  | Mist. |

**Sweden. Occupational Exposure Limit Values Components**

| Components   | Type | Value               | Form  |
|--|------|---------------------|-------|
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5) | STEL | 3 mg/m <sup>3</sup> | Mist. |
|  | TWA  | 1 mg/m <sup>3</sup> | Mist. |

**Switzerland. SUVA Grenzwerte am Arbeitsplatz Components**

| Components                       | Type | Value               | Form             |
|----------------------------------|------|---------------------|------------------|
| Calcium carbonate (CAS 471-34-1) | TWA  | 3 mg/m <sup>3</sup> | Respirable dust. |

|  |  |
|--|--|
| <b>Biological limit values</b>   | No biological exposure limits noted for the ingredient(s).   |
| <b>Recommended monitoring procedures</b>                                     | Follow standard monitoring procedures.   |
| <b>Derived no effect levels (DNELs)</b>                                      | Not available.   |
| <b>Predicted no effect concentrations (PNECs)</b>                            | Not available.   |
| <b>Exposure guidelines</b>   | Occupational Exposure Limits are not relevant to the current physical form of the product.   |
| <b>8.2. Exposure controls</b>  |  |
| <b>Appropriate engineering controls</b>                                      | Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. |
| <b>Individual protection measures, such as personal protective equipment</b> |  |
| <b>General information</b>   | Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.  |
| <b>Eye/face protection</b>   | Wear safety glasses with side shields (or goggles).  |
| <b>Skin protection</b>   |  |
| <b>- Hand protection</b>   | Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.  |
| <b>- Other</b>   | Wear suitable protective clothing.   |
| <b>Respiratory protection</b>  | In case of insufficient ventilation, wear suitable respiratory equipment.  |
| <b>Thermal hazards</b>   | Wear appropriate thermal protective clothing, when necessary.  |
| <b>Hygiene measures</b>  | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.  |
| <b>Environmental exposure controls</b>                                       | Environmental manager must be informed of all major releases.  |

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**Appearance**

|                       |              |
|-----------------------|--------------|
| <b>Physical state</b> | Solid.       |
| <b>Form</b>           | Paste.       |
| <b>Colour</b>         | Grey; Black. |

|   |  |
|---|--|
| <b>Odour</b>  | Hydrocarbon-like.                      |
| <b>Odour threshold</b>                              | Not available.                         |
| <b>pH</b>   | Not applicable.                        |
| <b>Melting point/freezing point</b>                 | Not available.                         |
| <b>Initial boiling point and boiling range</b>      | Not available.                         |
| <b>Flash point</b>                                  | 204,4 °C (400,0 °F) Cleveland open cup |
| <b>Evaporation rate</b>                             | Not available.                         |
| <b>Flammability (solid, gas)</b>                    | Not applicable.                        |
| <b>Upper/lower flammability or explosive limits</b> |  |
| <b>Flammability limit - lower (%)</b>               | Not available.                         |
| <b>Flammability limit - upper (%)</b>               | Not available.                         |
| <b>Explosive limit - lower (%)</b>                  | Not applicable.                        |
| <b>Explosive limit – upper (%)</b>                  | Not applicable.                        |
| <b>Vapour pressure</b>                              | < 0,13 kPa                             |
| <b>Vapour density</b>                               | < 1 (Air = 1)                          |
| <b>Relative density</b>                             | 0,87, 7,506 (lbs/gal) @ 15°C           |
| <b>Solubility(ies)</b>                              |  |
| <b>Solubility (water)</b>                           | Not available.                         |
| <b>Solubility (other)</b>                           | Not available.                         |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                         |
| <b>Auto-ignition temperature</b>                    | Not available.                         |
| <b>Decomposition temperature</b>                    | Not available.                         |
| <b>Viscosity</b>                                    | Not available.                         |
| <b>Explosive properties</b>                         | Not available.                         |
| <b>Oxidising properties</b>                         | Not available.                         |

## 9.2. Other information

VOC 1 % w/w ASTM D-972

## SECTION 10: Stability and reactivity

|   |   |
|---|---|
| <b>10.1. Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>10.2. Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>10.3. Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.                                   |
| <b>10.4. Conditions to avoid</b>                | Heat, flames and sparks. Contact with incompatible materials.                                 |
| <b>10.5. Incompatible materials</b>             | Strong oxidising agents.  |
| <b>10.6. Hazardous decomposition products</b>   | Carbon oxides.  |

## SECTION 11: Toxicological information

|   |  |
|---|--|
| <b>General information</b>                        | Occupational exposure to the substance or mixture may cause adverse effects.   |
| <b>Information on likely routes of exposure</b>   |  |
| <b>Inhalation</b>                                 | No adverse effects due to inhalation are expected.   |
| <b>Skin contact</b>                               | Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.  |
| <b>Eye contact</b>                                | Causes serious eye irritation.   |
| <b>Ingestion</b>                                  | May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.  |
| <b>Symptoms</b>                                   | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Exposure may cause temporary irritation, redness, or discomfort. |
| <b>11.1. Information on toxicological effects</b> |  |
| <b>Acute toxicity</b>                             | Expected to be a low hazard for usual industrial or commercial handling by trained personnel.  |

| Components   | Species  | Test results           |
|--|--|------------------------|
| 1-Decene Homopolymer (CAS 68037-01-4)  |  |                        |
| <b>Acute</b>   |  |                        |
| <b>Dermal</b>  |  |                        |
| LD50   | Rabbit   | > 2 ml/kg, 24 Hours    |
| <b>Inhalation</b>  |  |                        |
| LC50   | Rat  | 0,9 mg/l, 4 Hours      |
| <b>Oral</b>  |  |                        |
| LD50   | Rat  | > 5 ml/kg              |
| Calcium carbonate (CAS 471-34-1)   |  |                        |
| <b>Acute</b>   |  |                        |
| <b>Dermal</b>  |  |                        |
| LD50   | Rat  | > 2000 mg/kg, 24 Hours |
| <b>Oral</b>  |  |                        |
| LD50   | Rat  | > 2000 mg/kg           |
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5)   |  |                        |
| <b>Acute</b>   |  |                        |
| <b>Dermal</b>  |  |                        |
| LD50   | Rabbit   | > 2000 mg/kg           |
| <b>Inhalation</b>  |  |                        |
| LC50   | Rat  | > 3,9 mg/l, 4 Hours    |
| <b>Oral</b>  |  |                        |
| LD50   | Rat  | > 2000 mg/kg           |
| <b>Skin corrosion/irritation</b>   | Prolonged skin contact may cause temporary irritation. Due to partial or complete lack of data the classification is not possible. |                        |
| <b>Serious eye damage/eye irritation</b>   | Causes serious eye irritation.   |                        |
| <b>Respiratory sensitisation</b>   | Not a respiratory sensitizer. Due to partial or complete lack of data the classification is not possible.                          |                        |
| <b>Skin sensitisation</b>  | This product is not expected to cause skin sensitisation.  |                        |
| <b>Germ cell mutagenicity</b>  | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.                   |                        |
| <b>Carcinogenicity</b>   | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.  |                        |
| <b>ACGIH Carcinogens</b>   |  |                        |
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5)   | Not classifiable as a human carcinogen. A4   |                        |
|  | Suspected human carcinogen. A2   |                        |
| <b>Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)</b> |  |                        |
| Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5)   |  |                        |
| <b>Reproductive toxicity</b>   | This product is not expected to cause reproductive or developmental effects.   |                        |
| <b>Specific target organ toxicity - single exposure</b>  | Due to partial or complete lack of data the classification is not possible.  |                        |
| <b>Specific target organ toxicity - repeated exposure</b>  | Due to partial or complete lack of data the classification is not possible.  |                        |
| <b>Aspiration hazard</b>   | Not likely, due to the form of the product. Due to partial or complete lack of data the classification is not possible.            |                        |
| <b>Mixture versus substance information</b>  | No information available.  |                        |
| <b>Other information</b>   | This product has no known adverse effect on human health.  |                        |

## SECTION 12: Ecological information

**12.1. Toxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Components                       | Species | Test results  |
|----------------------------------|---------|---|
| Calcium carbonate (CAS 471-34-1) |         |   |
| <b>Aquatic</b>                   |         |   |
| Fish                             | LC50    | Western mosquitofish ( <i>Gambusia affinis</i> ) > 56000 mg/l, 96 hours |



**12.2. Persistence and degradability** No data is available on the degradability of this product.

### 12.3. Bioaccumulative potential

#### Partition coefficient n-octanol/water (log K<sub>ow</sub>)

LPS® ThermaPlex® CS Moly Bearing Grease > 1

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** No data available.

**12.5. Results of PBT and vPvB assessment** Not available.

**12.6. Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Residual waste** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**EU waste code** The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Disposal methods/information** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Special precautions** Dispose in accordance with all applicable regulations.

## SECTION 14: Transport information

### ADR

14.1. - 14.6.: Not regulated as dangerous goods.

### RID

14.1. - 14.6.: Not regulated as dangerous goods.

### ADN

14.1. - 14.6.: Not regulated as dangerous goods.

### IATA

14.1. - 14.6.: Not regulated as dangerous goods.

### IMDG

14.1. - 14.6.: Not regulated as dangerous goods.

**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 regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**

Not listed.

**Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**

Not listed.

## Authorisations

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**

Not listed.

## Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**

Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5)

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.**

Heavy Hydrotreated Naphthenic Distillates (petroleum) (CAS 64742-52-5)

## Other EU regulations

**Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended**

Not listed.

## Other regulations

The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. Pregnant women should not work with the product, if there is the least risk of exposure. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

## National regulations

Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work. Follow national regulation for work with chemical agents.

## 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

### List of abbreviations

Not available.

### References

Not available.

### Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

### Full text of any statements or R-phrases and H-statements under Sections 2 to 15

R23 Toxic by inhalation.  
R36 Irritating to eyes.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.

### Revision information

This document has undergone significant changes and should be reviewed in its entirety.

### Training information

Follow training instructions when handling this material.

### Disclaimer

ITW Pro Brands cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.