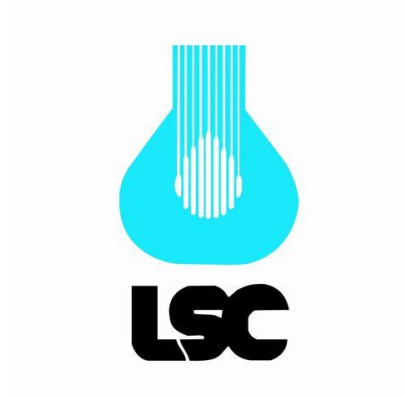


Safety Data Sheet
XPD Super SAE 15W40 10 TBN CI-4/SL



Product Number:
Revision Date:

22240-6
08/23/2017

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

1.1. Product identifier XPD Super SAE 15W40 10 TBN CI-4/SL

Product Code 22240

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

Intended use See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Manufacturer LUBRICATING
SPECIALTIES COMPANY
8015 PARAMOUNT
BLVD.
PICO RIVERA, CA 90660

Telephone No. (562) 776-4000

1.4. Emergency telephone number
(800) 424-9300 24hr

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not Classified

2.2. Label elements

Using the Toxicity Data listed in section 11 & 12 the product is labeled as follows.

Not Classified

| | | | | | |
|-------------|--------------------------|---|-------------|-------------------------|----|
| HMIS | Health: | 0 | NFPA | Health: | 0 |
| | Fire: | 1 | | Fire: | 1 |
| | Physical Hazards: | 0 | | Reactivity: | 0 |
| | PPE: | C | | Special Hazards: | -- |
| | | | | | |

2.3. Other hazards

This product contains no PBT/vPvB chemicals.

SECTION 3: Composition/information on ingredients

| Ingredient/Chemical Designations | Weight % | EC No. 1272/2008 / GHS Classification |
|---|----------|---------------------------------------|
| PETROLEUM DISTILLATES, HYDROTREATED HEAVY PARAFFIN CAS Number: 0064742-54-7 | <90 | Asp. Tox. 1;H304 |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic CAS Number: 0064742-65-0 | <10 | Not Classified |
| Mineral Oil CAS Number: Proprietary or N/A | <10 | Not Classified |
| Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts CAS Number: 0084605-29-8 | <3 | Not Classified |
| Petroleum distillates, hydrotreated light naphthenic CAS Number: 0064742-53-6 | <1 | Not Classified |

*The full texts of the phrases are shown in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

Inhalation

If inhaled, remove person to fresh air and keep comfortable for breathing. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. If unconscious, place in the recovery position and seek medical attention immediately.

Skin

In case of contact, immediately rinse skin with plenty of water. Remove contaminated clothing and shoes. If skin irritation occurs, seek medical attention. Launder contaminated clothing before reuse.

Eye

In case of contact, immediately rinse eyes with plenty of fresh, clean water for at least 15 minutes. Remove contact lenses if present and continue rinsing. Seek medical attention immediately.

Ingestion

Do not induce vomiting. Call a physician or emergency medical facility immediately.

4.2. Most important symptoms and effects, both acute and delayed

No data available

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

No data available

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Use Carbon dioxide (CO₂), dry chemical, or foam to extinguish flames.

5.2. Special hazards arising from the substance or mixture

Hazardous Decomposition Products: May form CO and CO₂.

5.3. Advice for fire-fighters

Self-contained full-face positive pressure breathing apparatus (SCBA) should be used. Water can be used to cool and protect exposed material. Do not allow runoff water and contaminants from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with spilled material. Use suitable personal protective equipment. Ventilate area if spilled in confined space or other poorly ventilated areas. Evacuate personnel to safe areas. Keep unnecessary personnel away.

6.2. Environmental precautions

Prevent entry into sewers and waterways. Report spills as required to appropriate authorities in accordance with all applicable regulations.

6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or water courses.

If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed. Dispose of in accordance with all federal, state, and local environmental regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling

Avoid skin and eye contact. Wash thoroughly after handling. Avoid breathing vapor. Use with adequate ventilation.

In Storage

Store in a dry location at room temperature.

Keep this container and vapors from the container away from heat and flame. Keep container closed and maintain all original markings and labels.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from strong oxidizing and reducing agents.

CAUTION!!! Do not use cutting or welding torches on drums, even when empty. Do not reuse container. Containers, even those that have been emptied will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

7.3. Specific end use(s)

There are no exposure scenarios, see details in section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The following occupational exposure limits have been established.

| CAS Number | Ingredient | Source | Value |
|--------------------|---|--------|----------------------|
| 0064742-53-6 | Petroleum distillates, hydrotreated light naphthenic | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| 0064742-54-7 | PETROLEUM DISTILLATES, HYDROTREATED HEAVY PARAFFIN | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| 0064742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| 0084605-29-8 | Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| Proprietary or N/A | Mineral Oil | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |

Contains mineral oil. The exposure limits for oil mist are 5 mg/m³ OSHA PEL and 10

mg/m³ ACGIH.

Carcinogen Data

| CAS No. | Ingredient | Source | Value |
|--------------------|---|--------|--|
| 0064742-53-6 | Petroleum distillates, hydrotreated light naphthenic | OSHA | Select Carcinogen: No |
| | | IARC | Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No; |
| 0064742-54-7 | PETROLEUM DISTILLATES, HYDROTREATED HEAVY PARAFFIN | OSHA | Select Carcinogen: No |
| | | IARC | Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No; |
| 0064742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic | OSHA | Select Carcinogen: No |
| | | IARC | Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No; |
| 0084605-29-8 | Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts | OSHA | Select Carcinogen: No |
| | | IARC | Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No; |
| Proprietary or N/A | Mineral Oil | OSHA | Select Carcinogen: No |
| | | IARC | Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No; |

DNEL/PNEC values

No Data Available

8.2. Exposure controls

No special requirements under ordinary conditions of use and with adequate ventilation.

Eye/face protection

Wear safety glasses. If potential for splash or mist exists, wear chemical goggles or face shield.

Skin protection

Wear chemical resistant gloves. Gloves should be inspected before each use and discarded if they show tears, pinholes, or signs of wear.

Other

Gloves, overalls, apron, boots, or other suitable protective garments should be worn to minimize contact based on the task being performed.

Respiratory protection

Use NIOSH/OSHA approved respirator where high vapor concentrations are present.

Thermal hazards

No Data Available

SECTION 9: Physical and chemical properties

| | |
|---|-------------------|
| Appearance | AMBER OILY LIQUID |
| Odor | Petroleum Odor |
| Odor threshold | Not Determined |
| pH | Not Determined |
| Melting point / freezing point (C) | Not Determined |
| Initial boiling point and boiling range (C) | Not Measured |
| Flash point (C) | 185 |
| Evaporation rate (H2O = 1) | Not Determined |
| Flammability (solid, gas) | Not Applicable |
| Upper/lower flammability or explosive limits | |
| Lower Explosive Limit: | Not Determined |
| Upper Explosive Limit: | Not Determined |
| Vapor pressure (Pa) | Not Determined |
| Vapor density | Heavier than air. |
| Relative density | 0.8789 |
| Solubility(ies) | negligible |
| Partition coefficient n-octanol/water (Log Kow) | Not Determined |
| Auto-ignition temperature (C) | Not Determined |
| Decomposition temperature | Not Determined |
| Viscosity (cSt) | |
| @ 100 C | Not Measured |
| @ 40 C | 110.23 cSt |
| Pour point temperature (C) | Not Determined |

Volatile Organic Compounds
SADT

nil
Not Determined

The data listed above are typical physical and chemical properties that do not constitute product specification.

9.2. Other information

DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Material is normally stable at ambient temperature and pressure.

10.3. Possibility of hazardous reactions

May react with: oxidizing agents.

10.4. Conditions to avoid

High temperature, sparks, and open flames.

10.5. Incompatible materials

Keep away from strong oxidizing and reducing agents.

10.6. Hazardous decomposition products

Hazardous Decomposition Products: May form CO and CO₂.

SECTION 11: Toxicological information

Acute toxicity

The preparation has been assessed using the Acute Toxicity Data listed below, and classified for toxicological hazards accordingly. See section 2 for details.

| Ingredient | Oral LD50, mg/kg | Skin LD50, mg/kg | Inhalation vapor LD50, mg/L/4hr |
|---|------------------|------------------|---------------------------------|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic - | >2,000, Rat | >2,000, Rabbit | Not Available |

| | | | |
|--|---------------|----------------|---------------|
| (0064742-65-0) | | | |
| Mineral Oil - (Proprietary or N/A) | Not Available | Not Available | Not Available |
| PETROLEUM DISTILLATES, HYDROTREATED HEAVY PARAFFIN - (0064742-54-7) | >5,000, Rat | >5,000, Rabbit | Not Available |
| Petroleum distillates, hydrotreated light naphthenic - (0064742-53-6) | >5,000, Rat | Not Available | Not Available |
| Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts - (0084605-29-8) | Not Available | Not Available | Not Available |

| Classification | Category | Hazard Description |
|-------------------------------|----------------|--------------------|
| Acute toxicity (oral) | Not Classified | Not Applicable |
| Acute toxicity (dermal) | Not Classified | Not Applicable |
| Acute toxicity (inhalation) | Not Classified | Not Applicable |
| Skin corrosion/irritation | Not Classified | Not Applicable |
| Serious eye damage/irritation | Not Classified | Not Applicable |
| Respiratory sensitization | Not Classified | Not Applicable |
| Skin sensitization | Not Classified | Not Applicable |
| Germ cell mutagenicity | Not Classified | Not Applicable |
| Carcinogenicity | Not Classified | Not Applicable |
| Reproductive toxicity | Not Classified | Not Applicable |
| STOT-single exposure | Not Classified | Not Applicable |
| STOT-repeated exposure | Not Classified | Not Applicable |
| Aspiration hazard | Not Classified | Not Applicable |

SECTION 12: Ecological information

12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment

Aquatic Ecotoxicity

| Ingredient | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l |
|--|-------------------------------|----------------------------|---|
| PETROLEUM DISTILLATES, HYDROTREATED HEAVY PARAFFIN - (0064742-54-7) | Not Available | Not Available | Not Available |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic - (0064742-65-0) | 5,000.00, Oncorhynchus mykiss | 1,000.00, Daphnia magna | 1,000.00 (96 hr), Scenedesmus subspicatus |
| Mineral Oil - (Proprietary or N/A) | Not Available | Not Available | Not Available |
| Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts - (0084605-29-8) | Not Available | Not Available | Not Available |
| Petroleum distillates, hydrotreated light naphthenic - (0064742-53-6) | Not Available | Not Available | Not Available |

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Consult federal, state and local regulations regarding disposal methods, recycle used oil. Do not contaminate used oil with solvents or other chemicals.

SECTION 14: Transport information

14.1. UN number Not applicable

14.2. UN proper shipping name Not regulated

14.3. Transport hazard class(es)

US DOT Label Not regulated

ADR/RID Not regulated

IMDG Not regulated

Sub Class Not applicable

ICAO/IATA Not regulated

14.4. Packing group Not applicable

14.5. Environmental hazards

ADR/RID Environmentally Hazardous: No - Not regulated

IMDG Marine Pollutant: No - Not regulated

14.6. Special precautions for user

No further information

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC



Code

Not Applicable

The above transport information is provided to assist in the proper classification of this product and may not be suitable for all shipping conditions. Shipping description may vary based on mode of transport, quantities, temperature of the material, package size, and/or origin and destination. For information specific to your situation, consult your company's Hazardous Materials/Dangerous Goods expert.

SECTION 15: Regulatory information**National Legislation**

United States:

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

SARA 311/312 (>0.1%): Not applicable

SARA 313 (>0.1%): Not applicable

CERCLA (>0.1%): Not applicable

Inventory - Canada - Non-Domestic Substances List (NDSL): Not applicable

California Proposition 65 Cancer:

Benzene

California Proposition 65 Developmental:

Benzene

California Proposition 65 Female Reproductive: Not applicable

California Proposition 65 Male Reproductive:

Benzene

Inventory - Australia - Inventory of Chemical Substances (AICS):



Calcium Sulfonate

Distillates (petroleum), solvent-dewaxed heavy paraffinic

PETROLEUM DISTILLATES, HYDROTREATED HEAVY PARAFFIN

Petroleum distillates, hydrotreated light naphthenic

Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts

Inventory - Japan Existing and New Chemical Substances (ENCS):

Distillates (petroleum), solvent-dewaxed heavy paraffinic (9-1702)

PETROLEUM DISTILLATES, HYDROTREATED HEAVY PARAFFIN ()

Petroleum distillates, hydrotreated light naphthenic ()

Korean Existing Chemicals Inventory:

Distillates (petroleum), solvent-dewaxed heavy paraffinic

PETROLEUM DISTILLATES, HYDROTREATED HEAVY PARAFFIN

Petroleum distillates, hydrotreated light naphthenic

Inventory of Existing Chemical Substances in China:

Calcium Sulfonate

PETROLEUM DISTILLATES, HYDROTREATED HEAVY PARAFFIN

Petroleum distillates, hydrotreated light naphthenic

Philippines Inventory of Chemicals and Chemical Substances (PICCS) :

Calcium Sulfonate

Distillates (petroleum), solvent-dewaxed heavy paraffinic

PETROLEUM DISTILLATES, HYDROTREATED HEAVY PARAFFIN

Petroleum distillates, hydrotreated light naphthenic

Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts

Taiwan List of Toxic Chemical Substances regulated under Toxic Chemical Substances Control Act :

Not applicable

EU REACH: Annex XVII, Dangerous Substances

and Preparations:

Distillates (petroleum), solvent-dewaxed heavy paraffinic
PETROLEUM DISTILLATES, HYDROTREATED HEAVY PARAFFIN
Petroleum distillates, hydrotreated light naphthenic

**Inventory - European
Union - European
Inventory of Existing
Commercial Chemical
Substances (EINECS):**

Calcium Sulfonate ()
Distillates (petroleum), solvent-dewaxed heavy paraffinic (265-169-7)
Dodecyl phenol (branched) (310-154-3)
PETROLEUM DISTILLATES, HYDROTREATED HEAVY PARAFFIN (265-157-1)
Petroleum distillates, hydrotreated light naphthenic (265-156-6)
Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts (283-392-8)

**EU List of Notified
Chemical Substances
(ELINCS):**

Not applicable

Risk Phrases
Not Classified.

SECTION 16: Other information

This information has been compiled from sources considered to be dependable and is accurate to the best of Lubricating Specialties Company knowledge. Lubricating Specialties Company makes no warranty whatsoever, expressed or implied, of MERCHANTABILITY OR FITNESS FOR THE PARTICULAR PURPOSE, regarding the accuracy of such data or the results to be obtained from the use thereof. Lubricating Specialties Company assumes no responsibility for injury to recipient or third persons, or for any damage to any property and recipient assumes all such risks.

The full text of the phrases appearing in section 3 is:

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation

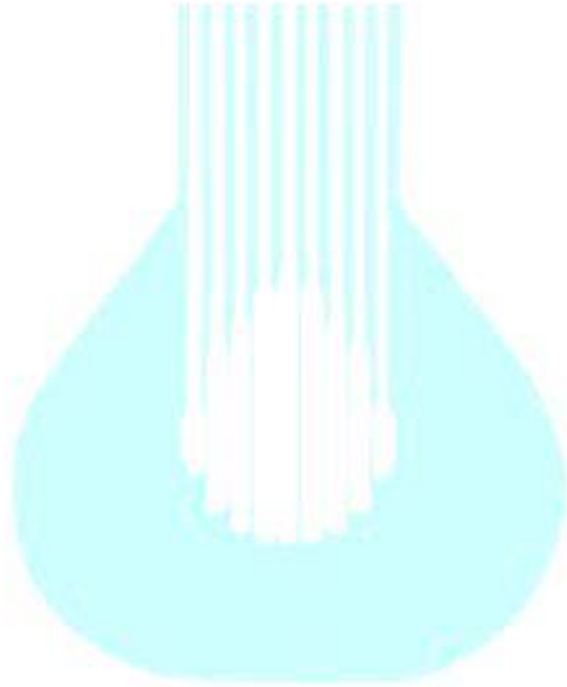
H319 Causes serious eye irritation

H361 Suspected of damaging fertility or the unborn child

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

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