SAFETY DATA SHEET

Product Name: SUPER LUB

1. Identification of the substance/mixture and of the company/undertaking

COMPANY IDENTIFICATION
KOBE STEEL, LTD.
Engineering Department
Standard Compressor Division
Machinery Business
41 Niijima, Harima-cho, Kako-gun, HYOGO, 675-0155 JAPAN

EMERGENCY TELEPHONE NUMBER
Listed on page 8/8
Product Name: SUPER LUB
Product USE : Lubricating oil

2. Hazards identification

hazard category
Flammable liquids
Specific target organ systemic toxicity following single exposure
Specific target organ systemic toxicity following repeated exposure

Category
No Classification
No Classification
No Classification

LABEL ELEMENTS
Precautionary pictograms: Not applicable
Signal word: Not applicable
Hazard Statement: Not applicable
Precautionary Statements:
Prevention Do not handle until all safety precautions have been read and understood.
Wear protective gloves/protective clothing/eye protection/face protection.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Response IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN: Wash with plenty of soap and water.
Storage The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight.
Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

3. Composition/information on ingredients

Substance/Mixture: Mixture
4. First-aid measures

Inhalation: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Cover the body with blankets to keep warm and quiet. If you feel unwell, seek medical advice.

Skin Contact: Immediately flush skin with large amounts of water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Eye Contact: Rinse with clean water carefully for several minutes. Remove contact lenses if present and if removal is easy, then continue rinsing. Rinse for 15 minutes at a minimum and seek medical attention.

Ingestion: Do not induce vomiting. Drink [one glass] [two glasses] of water. Call a physician [or poison control center] immediately.

5. Fire-fighting measures

Suitable Extinguishing Media: Mist of loaded liquid, dry chemicals, carbon dioxide, fire foam, and dry sand are effective.

Extinguishing Media to Avoid: Use of straight steam of water can cause a risk of spreading fire.

Specific hazards arising from the chemical: In some cases of fire, may release irritant gases.

Fire Fighting: When burnt, may generate carbon monoxide and other toxic gases. Spray water to the surrounding facilities for cooling. Keep unauthorized persons off the site of occurrence of fire and the surroundings. Even after extinction, cool containers thoroughly with plenty of water.

Special protective equipment and precautions for fire fighters: Wear fire/flame resistant/retardant clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Wear protective equipment when working.
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7. Handling and storage

Handling

Technical Measures:
- Keep away from any possible contact with sparks, open flames, and high-temperature materials, and do not allow release of vapor without justification.
- Use pumps or other proper equipment for taking out from containers. Do not sip from a tube. Do not drink.
- When mist is generated, use respiratory equipment to prevent inhalation of mist.
- In case of vapor/mist dispersion, install a closed system, local ventilation system, and/or other proper equipment for the sources of vapor/mist generation.
- Avoid rough handling of containers such as falling, dropping, exposing to shock, and dragging.

Ventilation requirements:
- Maintain adequate ventilation when handling indoors.

Precautions:
- Wash hands and face thoroughly after handling.
- Be careful with fire.

Precautions for safe handling:
- Avoid falling, dropping, exposing to shock, or dragging of containers.
- Wear protective gloves when opening containers to eliminate a risk of hand injury.

Storage

Storage Conditions:
- Store in a well ventilated, cool, dry, dark place, protecting from direct sunlight and keeping away from any potential ignition sources and high-temperature materials.
Store tightly stopped after use to prevent possible contamination with dust and moisture.
PREFERABLY store locked up in a proper storage area.

Safety adequate container materials:
Use spill-proof containers that are free of damage/corrosion.

8. Exposure controls/personal protection

Appropriate engineering controls: In case of mist generation, enclose the source of mist generation, or install a ventilation system.
Install eye cleaning and body cleaning equipment near the handling site.

Control parameters

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Japan Society for Occupational Exposure Limits</th>
<th>ACGIH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Occupational Exposure Limits</td>
<td>TLV-STELE</td>
</tr>
<tr>
<td>Base Oil(s)</td>
<td>None established ppm, None established mg/m³</td>
<td>None established ppm, None established mg/m³</td>
</tr>
</tbody>
</table>

Personal Protective Equipment

Respiratory Protection: Not needed under normal conditions, but wear a gas mask (against organic gases) whenever required.

Hand protection: In case of prolonged or repeated exposure, wear oil-resistant hand protection.

Eye/face protection: In case of exposure to splashes, wear ordinary type goggles.

Skin Protection: In case of handling over a prolonged period of time or in case of exposure to oil, wear oil-resistant, long-sleeved work clothing.

Hygiene Measures: Take off contaminated clothing and wash thoroughly before reuse. Wash hands thoroughly after handling.

9. Physical and chemical properties

Product

<table>
<thead>
<tr>
<th>Physical property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Light yellow</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight odor</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Pour Point-27.5(°C)</td>
</tr>
<tr>
<td>Initial boiling point</td>
<td>Initial boiling point - End point No data</td>
</tr>
<tr>
<td>and boiling range</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>238(°C)Cleveland Open Cup</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Explosion Limit (1-7%)</td>
</tr>
<tr>
<td>Vapour density</td>
<td>No data.</td>
</tr>
</tbody>
</table>
10. Stability and reactivity

Chemical stability: Stable when stored or preserved in a dark place at room temperature.
Possibility of hazardous reactions: Keep away from any possible contact with strong oxidizing agents.
Conditions to avoid: Contact with incompatible hazard substances
Prolonged heating, open flames, and ignition sources
Incompatible materials: Use care to keep away from any possible contact with halogens, strong acids, alkalis, and acidifying substances.
Hazardous decomposition products: When burnt, may release carbon monoxide and other gases.

11. Toxicological information

Product Acute toxicity (oral): For mixtures, hazard category was identified based on the classification criteria for mixtures.
Acute toxicity (dermal): For mixtures, hazard category was identified based on the classification criteria for mixtures.
Acute toxicity (inhalation): For mixtures, hazard category was identified based on the classification criteria for mixtures.
Skin corrosion/irritation: For mixtures, hazard category was identified based on the classification criteria for mixtures.
Serious eye damage/irritation: For mixtures, hazard category was identified based on the classification criteria for mixtures.
Respiratory sensitization: For mixtures, hazard category was identified based on the classification criteria for mixtures.
Skin sensitization: For mixtures, hazard category was identified based on the classification criteria for mixtures.
Mutagenicity: For mixtures, hazard category was identified based on the classification criteria for mixtures.
Carcinogenicity: For mixtures, hazard category was identified based on the classification criteria for mixtures.
Reproductive toxicity: For mixtures, hazard category was identified based on the classification criteria for mixtures.
Target organ effect/Single exposure: For mixtures, hazard category was identified based on the classification criteria for mixtures.
Target organ effect/Multi exposure: For mixtures, hazard category was identified based on the classification criteria for mixtures.
Respiratory toxic: For mixtures, hazard category was identified based on the classification criteria for mixtures.

12. Ecological information
13. Disposal considerations

Disposal methods: Dispose of contents/container in accordance with local/regional/national/international regulations. Every customer/user of the product should dispose of industrial waste on its own responsibility, otherwise it must rely on a company authorized by prefectural governor for treating industrial waste or a local public body involved in the disposal of industrial waste for proper disposal. Before disposal of used container, remove contents completely.

14. Transport information

IMDG UN classification: Not applicable
Specific security precaution and condition of transportation: Transport containers without causing any significant friction or shaking.

15. Regulatory information

Korea (KECL): In the case where one or more components are not listed or, even if listed, in the case of importing to the country or area concerned, an application or notification is required.

Australia (AICS): In the case where one or more components are not listed or, even if listed, in the case of importing to the country or area concerned, an application or notification is required.

Canada (DSL): In the case where one or more components are not listed or, even if listed, in the case of importing to the country or area concerned, an application or notification is required.

China (IECSC): All components are listed or exempted.

EU (REACH): In the case where one or more components are not listed or, even if listed, in the case of importing to the country or area concerned, an application or notification is required.

New Zealand (NZIoC): In the case where one or more components are not listed or, even if listed, in the case of importing to the country or area concerned, an application or notification is required.

USA (TSCA): All components are listed or exempted.

Philippines (PICCS): In the case where one or more components are not listed or, even if listed, in the case of importing to the country or area concerned, an application or notification is required.
16. Other information

Disclaimer

We at KOBE STEEL, LTD. have prepared the copyrighted Safety Data Sheet to provide reference information on the hazardous chemical product of interest for our customers/users to ensure secure and safe handling. We would like every customer/user of the product to refer to the information and understand the necessity of taking appropriate measures for the actual handling conditions on their own responsibilities for optimum practical application of the product of interest. Consequently, the Safety Data Sheet is not intended to guarantee the safety of the product referenced to herein.

Taiwan: In the case where one or more components are not listed or, even if listed, in the case of importing to the country or area concerned, an application or notification is required.
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Product Name: SUPER LUB

KOBE STEEL, LTD.

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