SAFETY DATA SHEET
Base Oil aramcoPRIMA 60

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME
Base Oil aramcoPRIMA 60

APPLICATION
Lubricating Oil Base Stock

SUPPLIER

MANUFACTURER
S-OIL CORPORATION
S-OIL Bldg., 192 Baekbeom-ro,
Mapo-gu,
Seoul 121-805
Korea

EMERGENCY TELEPHONE
+82-52-231-2865

2 HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION IN ACCORDANCE WITH GHS

Physical and Chemical Hazards
Not classified.

Human health
Asp. Tox. 1 - H304

Environment
Not classified.

LABEL IN ACCORDANCE WITH GHS

HAZARD STATEMENTS

H304
May be fatal if swallowed and enters airways.

PRECAUTIONARY STATEMENTS

P301+310
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331
Do NOT induce vomiting.

P405
Store locked up.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE NAME</th>
<th>CAS NO.</th>
<th>PURITY (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated light paraffinic</td>
<td>64742-55-8</td>
<td>100</td>
</tr>
</tbody>
</table>

ADDITIONAL INFORMATION
Product containing mineral oil with less than 3% DMSO extract as measured by IP-346

4 FIRST-AID MEASURES

GENERAL INFORMATION
Contact physician if discomfort continues.

INHALATION
Move the exposed person to fresh air at once.
If respiratory problems, artificial respiration/oxygen.

INGESTION
Get medical attention immediately!
Immediately rinse mouth and provide fresh air.

SKIN CONTACT
Remove contaminated clothing immediately and wash skin with soap and water.
Get medical attention promptly if symptoms occur after washing.

EYE CONTACT
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Extinguish with foam, carbon dioxide or dry powder.
SPECIAL FIRE FIGHTING PROCEDURES
NOTE! Use air-supplied respirators to protect against gases/fumes. Use water SPRAY only to cool containers! Do not put water on leaked material.

UNUSUAL FIRE & EXPLOSION HAZARDS
N/A.

SPECIFIC HAZARDS
When heated and in case of fire, corrosive vapours/gases may be formed.

PROTECTIVE MEASURES IN FIRE
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS
Do not allow ANY environmental contamination. Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS
Collect with absorbent, non-combustible material into suitable containers. Transfer to a container for disposal.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Avoid spilling, skin and eye contact. Wear full protective clothing for prolonged exposure and/or high concentrations. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS
Keep upright. Keep away from food, drink and animal feeding stuffs. Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

PROCESS CONDITIONS
Provide eyewash station.

ENGINEERING MEASURES
Provide sufficient ventilation during operations which cause vapour formation.

RESPIRATORY EQUIPMENT
In case of inadequate ventilation use suitable respirator. Wear mask supplied with: Gas cartridge suitable for organic substances.

HAND PROTECTION
Chemical resistant gloves required for prolonged or repeated contact.

EYE PROTECTION
Wear approved safety goggles.

OTHER PROTECTION
Provide eyewash station.

HYGIENE MEASURES
Wash hands after contact. Promptly remove any clothing that becomes contaminated. DO NOT SMOKE IN WORK AREA!

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
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</thead>
<tbody>
<tr>
<td>APPEARANCE</td>
<td>Viscous liquid</td>
</tr>
<tr>
<td>COLOUR</td>
<td>Clear</td>
</tr>
<tr>
<td>BOILING POINT (°C)</td>
<td>N.A.</td>
</tr>
<tr>
<td>RELATIVE DENSITY</td>
<td>0.8719 @ 15 C</td>
</tr>
<tr>
<td>VAPOUR PRESSURE</td>
<td>N.A.</td>
</tr>
<tr>
<td>VISCOSITY</td>
<td>7.5 -9.5 cSt @ 40°C (ASTM D 445)</td>
</tr>
<tr>
<td>FLASH POINT (°C)</td>
<td>≥ 150°C (ASTM D 92)</td>
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10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.
HAZARDOUS POLYMERISATION
Will not polymerise.

MATERIALS TO AVOID
Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

11 TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>TOXIC DOSE 1 - LD 50</th>
<th>&gt;5000 mg/kg (oral rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOXIC DOSE 2 - LD 50</td>
<td>&gt;2000 mg/kg (dermal/rabbit)</td>
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INHALATION
Not relevant at normal room temperatures. When heated, irritating vapours may be formed.

INGESTION
Harmful if swallowed.

SKIN CONTACT
No specific health warnings noted.

EYE CONTACT
No specific health warnings noted.

HEALTH WARNINGS
Observe good chemical hygiene practices.

ROUTE OF ENTRY
Ingestion. Skin and/or eye contact.

MEDICAL SYMPTOMS
Diarrhoea. Nausea, vomiting.

12 ECOLOGICAL INFORMATION

| LC 50, 96 Hrs, FISH mg/l | >1000 |
| EC 50, 48 Hrs, DAPHNIA, mg/l | >1000 |
| IC 50, 72 Hrs, ALGAE, mg/l | >1000 |

MOBILITY
The product is insoluble in water and will spread on the water surface.

BIOACCUMULATION
Will not bio-accumulate.

DEGRADABILITY
The product is not readily biodegradable.

ACUTE FISH TOXICITY
Not considered toxic to fish.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION
Dispose of waste and residues in accordance with local authority requirements.

DISPOSAL METHODS
Incinerate with provision for removal of effluent gases by scrubber.

14 TRANSPORT INFORMATION

GENERAL
The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15 REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>EINECS No. :</th>
<th>285-158-7</th>
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<tbody>
<tr>
<td>CLASSIFICATION IN ACCORDANCE WITH EC 1272/2008</td>
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<tr>
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<td>Asp. Tox. 1 - H304</td>
<td></td>
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<tr>
<td>CLASSIFICATION IN ACCORDANCE WITH 67/548/EEC</td>
<td></td>
</tr>
<tr>
<td>Classification (67/548/EEC)</td>
<td></td>
</tr>
<tr>
<td>Xn;R65</td>
<td></td>
</tr>
<tr>
<td>The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16</td>
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</tbody>
</table>

16 OTHER INFORMATION

ISSUED BY
S-OIL
RISK PHRASES IN FULL
R65 Harmful: may cause lung damage if swallowed.

HAZARD STATEMENTS IN FULL
H304 May be fatal if swallowed and enters airways.