PRODUCT LABELS

LABELLING (standard or EU) : Concerned
R-phrases : R-52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.
S-phrases : S-61 Avoid release to the environment. Refer to special instructions/Safety Data Sheets
TRANSPORT LABELLING : Not Applicable

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

Name of the product : Elf EPEXA 2
Code No : 05-012
Product application : Lubricating grease
Supplier : Total Oil South and East Asia Pte. Ltd.
10 Pandan Avenue Singapore 609385
Tel : (65) 6266 2800
Fax: (65) 6266 3800

2. COMPOSITION/INFORMATION OF INGREDIENTS

PREPARATION
Chemical nature : Petroleum-derived severely refined mineral-base product, in which the polycyclic aromatic hydrocarbons (PCA or PAH) content, measured by IP 346 is less than 3%

<table>
<thead>
<tr>
<th>Substances presenting a health hazards</th>
<th>EC No</th>
<th>CAS No</th>
<th>Content</th>
<th>Symbol(s)</th>
<th>R-phrases</th>
</tr>
</thead>
</table>

See section 16 for explanations of R-phrases:

3. HAZARD IDENTIFICATION

Health effects : None known to us for normal use.
Under normal conditions of use, the product holds no danger of intoxication

Environmental impact : Do not discard this product into the environment
Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Physical and chemical hazards : No specific risk of fire or explosion under normal conditions of use

4. FIRST AID MEASURES

IN CASE OF SERIOUS OR PERSISTENT MANIFESTATIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE

Inhalation : Inhalation of heavy concentrations of vapour, fumes or spray, may cause mild irritation of the throat.
Transport the person into fresh air, keep warm and allow to rest.

Skin contact : Immediately remove all soiled or stained clothing.
Wash the affected area immediately and repeatedly with soap and water.
5. FIRE FIGHTING MEASURES

Flash Point : See heading 9

Fire extinguishers media :
- suitable : Foam, carbon dioxide (CO2), powder.
- not recommended : Do not use water jet (stick jets) for extinguishing fire since they could help to spread the flames.

Specific hazards : Incomplete combustion and thermolysis produce gases of varying toxicity such as CO, CO2, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled.

Protective measures for firefighter : Insulated breathing apparatus must be worn in confined premises with heavy concentrations of fumes and gases.

6. ACCIDENTAL RELEASE MEASURES

After spillage / leakage :
- on the soil : Surfaces on which the product has been spilled may become slippery.
Do not allow the product to enter sewers or rivers or contaminate the soil.
Recover with mechanical means such as pumps and skimmers.
Contain and collect the spilled product with sand or any other inert absorbant material.
In case of spillage, contact the competent authorities if the situation cannot be brought under control rapidly and efficiently.

- on water : Floating absorbent material, then mechanical recovery.
If the product is spilled in a river or in the sewers, notify the authorities of the possible presence of surface effluent.

7. HANDLING AND STORAGE

HANDLING :
- Prevention of user exposure : Ventilate extensively if the formation of vapour, fumes, mist or aerosol is a risk.
Make all the necessary arrangement in order to reduce exposure risk, notably to products in use or to wastes.
Keep away from combustive substances; keep away from food and beverages.

- Prevention of fire and explosion : Empty containers may contain flammable or explosive vapours.
There is a fire hazard associated with rags, papers or any other material used to remove spills which become soaked with product.
Avoid accumulation of these : they are to be disposed off safely after use.

- Precautions : Avoid static electricity build up with connection to earth.
Set up machinery and equipment so as to avoid the risk of accidental spills or splashes onto hot machine parts and electrical contacts (on joints failure, for example).

STORAGE :
- Technical measures : Make the necessary arrangements to prevent water and soil pollution.
- Storage precautions:
  - Suitable: Store at room temperature, protected against contact with water and moisture, and away from any sources of ignition. Keep containers closed when not in use.
  - To be avoided: Do not store exposed to the elements.
  - Incompatible products: Dangerous reaction with strong oxidizing agents.
  - Packaging materials:
    - Recommended: Use only hydrocarbon resistant containers, joints, pipes etc... Keep in original container if possible. Otherwise, transfer all indications on the regulatory label to the new container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Technical measures: Use the product in a properly ventilated atmosphere. When working in enclosed place (tanks, reservoirs,...), make sure that atmosphere is not suffocating and/or wear recommended equipment.

Occupational exposure limit:
- oil mist : 10mg/m3, for 15 minutes
- oil mist : 5mg/m3, for 8 hours

Hand protection:
Impermeable hydrocarbon-proof gloves. Recommended material: nitrile, neoprene. The break through times of the same type of glove of different manufacturers can be very different - even if the layer thickness is similar. Therefore the break through times have to be found out from the manufacturer of the protective gloves themselves. The demands on the gloves are determined by the conditions in practice (e.g. multiple use, mechanical load, temperature, strength and duration of exposition). Before choosing suitable gloves, it is recommended that the user tests the gloves.

Eye protection:
Goggles, in case of splashing.

Skin and body (other than the hands) protection:
As required, wear a face mask, hydrocarbon-proof clothing, and safety boots (when handling drums). Don't wear ring, watches or anything similar which can retain the product and may give rise to skin conditions.

Hygienic work practices:
Avoid prolonged and repeated contact with the skin, especially with used or waste product. Immediately remove all soiled or stained clothing. If the product comes into contact with the skin, wash the affected area immediately and and repeatedly with soap and water. Use no abrasives, solvents or fuels. Do not use cloths stained with the product to dry hands. Do not put the product-soaked rags in the pockets of working clothes. Do not eat, drink or smoke while handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pasty
Colour: Yellowish Brown
Odour: Characteristics
Density/Specific Gravity: about 920 kg/m³ at 15°C
Material Safety Data Sheet

Product name: ELF EPEXA 2
MSDS number: 99022-05
Version: 0
Date: 16/02/2005

Flash point: >210°C (ASTM D92)
Comments on auto-ignition temperature: This temperature may be significantly lower under particular conditions (slow oxidation on finely divided materials...).
Comments on explosivity: Not applicable
Dropping point: 207 °C (NF T 60-102)
Solubility:
- in water: Insoluble and immiscible.
- in organic solvents: Soluble in many common solvents.
Penetration Index: 280 NLGI 2 (1/10mm) at 25°C

10. STABILITY AND REACTIVITY
Stability: The product is stable under normal storage, handling and use temperatures.
Condition to avoid: Heat (temperatures above flash point), sparks, ignition points, flames, static electricity
Materials to avoid: Avoid contact with strong oxidizing agents
Hazardous decomposition products: Incomplete combustion and thermolysis produces potentially toxic gases such as CO, CO2, various hydrocarbons, aldehydes and soot.

11. TOXICOLOGICAL INFORMATION
ACUTE TOXICITY / LOCAL EFFECTS:
- Inhalation, comments: Risk is improbable under normal conditions of use. Inhalation of important concentration of vapour or aerosols may cause irritation of the upper respiratory tract.
- Skin contact, comments: Risk is improbable under normal conditions of use. If the skin is exposed to high pressure spray, the product may enter the human organism. In all such cases, the affected person must be taken to hospital, even if no sign of injury can be detected.
- Ingestion, comments: In case of ingestion of small quantities, no important effect observed. In case of ingestion of larger amounts: abdominal pain, diarrhoea,…

CHRONIC TOXICITY OR LONG TERM TOXICITY:
- Skin contact: Characteristics skin affections (oil blisters) may develop following prolonged and repeated exposure through contact with stained clothing.
- Sensitization: To our knowledge, the product does not cause aggravated sensitivity.

12. ECOLOGICAL INFORMATION
Comments about ecotoxicity: Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Mobility:
- Air: There is a slow loss by evaporation.
- Soil: Given its physical and chemical characteristics, the product generally shows little mobility in the ground.
- Water: The product is insoluble; it spreads on the surface of the water.
Persistence and degradability: No experimental information about the finished product. However the " mineral oil " fraction of the new product is intrinsically biodegradable.
Material Safety Data Sheet

Product name: ELF EPEXA 2
MSDS number: 99022-05
Version: 0
Date: 16/02/2005

13. DISPOSAL INFORMATION

Waste disposal: Dispose of in a safe manner, in accordance with local regulations.
If need be, collection by an authorized waste collector and regeneration or incineration in an approved installation.

Waste class: 12 01 12
The waste classification is dependent on the composition of the product at the time of disposal.
The waste classification mentioned here represents only a recommendation. The waster producer is responsible for the correct specification of the waste. The specification of the waster classification should be in arrangement with the authorised waste disposal company.

Disposal of contaminated packaging: Proceed in compliance with the prevailing regulations.

14. TRANSPORT INFORMATION

Not concerned by the transport regulatory below

Road (ADR) / Rail (RID):
Class: Not restricted for transport

Transport by barge (ADNR):

Marine (IMO-IMDG):

Air (ICAO / IATA):

15. REGULATORY INFORMATION

Risk phrase(s): R-52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Safety phrase(s): S-61 Avoid release to the environment. Refer to special instructions/Safety Data Sheets


Table of occupational illnesses and diseases No. 36

Labor code: Art. R 241-50, decree of 07.11.1977

16. OTHER INFORMATION

Explanations of R-phrases in section 2:
R22 -- Harmful if swallowed
R36/38 -- Irritating to eyes and skin
R38 -- Irritating to skin
R41 -- Risk of serious damage to eye
R43 -- May cause sensitisation by skin contact
R51/53 -- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R53 -- May cause long-term adverse effects in aquatic environment

This Safety Data Sheet serves to complete but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of our knowledge at the date indicated above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk. The information given herein in no way dispenses the user from knowing and applying all provisions regulating his or her activity. The user bears sole liability for the precautions required when using the product. The regulatory texts herein are intended to aid the user to fulfil his obligations. This list is not to be considered complete and exhaustive. It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned.