

MATERIAL SAFETY DATA SHEET



Date issued: 12/08/2003
Date revised: 28/08/2008

Our reference:

Supplier reference:

Directive 91/155/EEC

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

1.1 Identification of the substance or preparation:

Product name: Sunoco Ecotrax

1.2 Use of the substance or preparation:

Tractor Oil

1.3 Company/undertaking identification:

Petronas Lubricants Belgium NV
Ingberthoeveweg 4
2630 Aartselaar
Belgium
Phone: +32 - (0)3 - 458 12 30
Fax: +32 - (0)3 - 458 14 78
e-mail: tcs@be.petronas.com

1.4 Emergency telephone:

Poisons Centre
Rue Bruynstraat
B -1120 Brussel / Bruxelles
Belgium
Phone: +32 - (0)70 - 245 245

2. HAZARDS IDENTIFICATION

Effects on health:

When used under normal circumstances the natural oils and components of this product doesn't form any acute poisoning threat. It isn't irritating to eyes nor to the skin.

Effects on the environment :

Test have shown that there is little danger to life in water and on land and that the product is biodegradable. Nevertheless legislation prohibits to drain fat in the environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Doesn't contain any hazardous components. Based on biodegradable oil (rapeseed) & additives.



4. FIRST AID MEASURES

Inhalation:

In case of inhalation of fumes, terminate the exposure and go in de fresh ai
Inhalation of fumes, vapours or aerosols can cause slight irritation of the re

Ingestion:

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Do not give water.

Skin contact:

Remove contaminated clothing and wash thoroughly the skin with soap or detergent and water.
Wash thoroughly the skin with water and soap.

Eye contact:

Flush thoroughly with running water during 15 minutes (including under eyelids).

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

CO2 , foam or dry chemicals.

Extinguishing media which must not be used for safety reasons:

Do not use water jet.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

Smoke and carbon monoxide may be formed in the event of incomplete combustion.

Special protective equipment for fire-fighters:

Wear an approved autonomous breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid contact with skin and eyes.
Take off immediately all contaminated clothing.

Environmental precautions:

Prevent this product from entering into contact with surface waters

Methods for cleaning up:

To clean the floor and all objects contaminated by this material, use sand, active clay .



7. HANDLING AND STORAGE

7.1 Handling

A sufficient ventilation must guarantee an exposure which do not exceed th
Keep away from combustible material.
Keep away from food, drink and animal feeding stuffs.
Take precautionary measures against static discharges.

7.2 Storage

Keep away from sources of ignition - No smoking.
Store in a closed packing and away from heath sources.
Avoid high temperatures and humidity.
Keep container tightly closed and dry.

7.3 Specific use(s)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure limit values

Sufficient ventilation should be provided in order to maintain fumes concentration in the air bellow the occupational exposure limit.

8.2 Exposure controls

8.2.1 Occupational exposure controls

8.2.1.1 Respiratory protection:

Inhalation of vapours or fumes has to be avoided through accurate ventilation and safe working circumstances.

8.2.1.2 Hand protection:

Wear rubber gloves.

8.2.1.3 Eye protection:

Wear safety glasses if eye contact is possible.

8.2.1.4 Skin protection:

Overall, or similar full-body work clothes, gloves and shoes.

8.2.2 Environmental exposure controls



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Appearance: Liquid amber
Odour: Minimal

9.2 Important health, safety and environmental information

pH: Not applicable
Boiling point / boiling range: Not applicable
Flash point: Base oil : > 200°C
Explosive properties: Not applicable

Oxidizing properties: Not applicable
Vapour pressure: Not applicable
Relative density: 0,900 (15°C)
Solubility: - watersolubility: insoluble in water
Solubility: - fatsolubility (solvent-oil): insoluble in water
Partition coefficient (n-octanol/water): Not applicable

9.3 Other information

Miscibility: Mixes with similar oils.
Melting point / melting range: Not applicable
Gas group: Not applicable
Auto-ignition temperature: Not applicable
Other data:

10. STABILITY AND REACTIVITY

- 10.1 Conditions to avoid:** Keep away from heat sources, open flames and other sources of ignition.
- 10.2 Materials to avoid:** Avoid contact with strong oxidants.
- 10.3 Hazardous decomposition products:** Incomplete burning can cause formation of dangerous gasses like CO, CO₂, different KWS, aldehyde and also soot.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Inhalation : low risk under normal circumstances
Ingestion : low risk under normal circumstances

LOCAL EFFECTS

Inhalation: strong vapour concentrations or aerosols can be irritating to lungs.
Eye contact : dependable on the situation
Skin contact : dependable on the situation



12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

Aquatic organisms, Algae IC50 (72 h):	Unknown
Aquatic organisms, Daphnia magna EC50 (48h):	Unknown
Aquatic organisms, Fish LC50 (96h):	Unknown
Plants and terrestrial animals:	Unknown
Soil organisms:	Unknown
Impact on sewage treatment plants:	Unknown

12.2 Mobility:

Known or predicted distribution to environmental compartments:
Low range of mobility in the soil. Some components can penetrate the soil and cause pollution of the ground water.

Surface tension:	Not applicable
Absorption/adsorption:	Not applicable

12.3 Persistence and degradability:

> 90% biodegradable

12.4 Bioaccumulative potential:

Base oil components are probably not dangerous for water organisms. Some additives may be dangerous for the aquatic environment.

12.5 Other adverse effects:

Ozone depletion potential:	Not applicable
Photochemical ozone creation potential:	Not applicable
Global warming potential:	Not applicable

13. DISPOSAL CONSIDERATIONS

Waste disposal methods must comply with national and local disposal or discharge laws.

14. TRANSPORT INFORMATION

UN - number: PRODUCT IS NOT CLASSIFIED

Proper shipping name:

IMDG

Class:
Other applicable information:
Marine pollutant:

ADR/RID

Class:
Other applicable information:

ICAO/IATA

Class:
Other applicable information:

15. REGULATORY INFORMATION



This Safety Data Sheet has been established in accordance with E. C.

Danger symbol:

Risk - sentences:

Safety - sentences:

Please refer to any other national regulations that may be applicable for this product.

Other regulatory information:

16. OTHER INFORMATION

Training advice:

Recommended restrictions on use:

Further information (written references and/or technical contact point):

Source of key data used to compile the data sheet:

Information added, deleted or revised:

The buyer assumes all risk in connection with the use and handling of the material.
The seller assumes no responsibility or liability in connection with the information supplied in this sheet or for any damage or injury caused by the material; reasonable safety procedures should be followed.
The seller assumes no responsibility for injury or damage caused by use of the material, even if reasonable safety procedures are followed.
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