

# MATERIAL SAFETY DATA SHEET



Date issued: 04/02/2004  
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 Air Filter Cleaner

### 1.2 Use of the substance or preparation:

Motoline fluid

### 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

Harmful: may cause lung damage if swallowed.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	EC nr	CAS no	Weight %	Symbol	R - phrases
Low aromatique Hydrocarbons	265-149-8	64742-47-8	> 75	Xn	65
Ethylene Glycol monobutyleen	203-905-0	111-76-2	1 - 10	Xn	20/21/22-37



#### 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 aërosols 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

> 10000 kg following CPR 15-2; < 10000 kg following CPR 15-1.  
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:

Not applicable

##### 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  
Odour: Characteristic

### 9.2 Important health, safety and environmental information

pH: Not applicable  
Flash point: >61°C  
Explosive properties: Not applicable  
  
Oxidizing properties: Not applicable  
Vapour pressure: <5 bar (20°C); <8 bar (50°C)  
Relative density: Density: approximately 0,800  
Solubility: - water solubility: Forms an emulsion  
Solubility: - fat solubility (solvent-oil): Unknown  
Partition coefficient (n-octanol/water): Not applicable

### 9.3 Other information

Miscibility: Unknown  
Melting point / melting range: Not applicable  
Gas group: Not applicable  
Other data:

## 10. STABILITY AND REACTIVITY

- 10.1 **Conditions to avoid:** Avoid temperatures >150°C
- 10.2 **Materials to avoid:** Avoid contact with strong oxidants, acids.
- 10.3 **Hazardous decomposition products:** CO<sub>x</sub> en smoke.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

Inhalation of dust or smoke may cause irritation of the respiratory tract.  
Low odour of acute/systematic toxicity.  
Risks at normal use not probably.  
Slight irritation possible.

### CHRONIC TOXICITY

Unknown



## 12. ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity:

Aquatic organisms, Alga 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:

Not easily 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:** UN-number : 23295

**Proper shipping name:**

### IMDG

Class:  
Other applicable information:  
Marine pollutant:

### ADR/RID

Class: 3  
Other applicable information: Number 31.c (mixture contains 1268 petrol distillates)

### ICAO/IATA

Class:  
Other applicable information:

## 15. REGULATORY INFORMATION



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

Danger symbol:



Xn

Risk - sentences: 65  
**65 Harmful: may cause lung damage if swallowed.**

Safety - sentences: 2-23-24-62  
**2 Keep out of the reach of children.**  
**23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).**  
**24 Avoid contact with skin.**  
**62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.**

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):**

FULL TEXT OF RISK PHRASES APPEARING IN SECTION 2

R 65 : **Harmful: may cause lung damage if swallowed.**

R 37 : Irritating to respiratory system.

R 20/21/22 : Harmful by inhalation, in contact with skin and if swallowed.

**Source of key data used to compile the data sheet:**

**Information added, deleted or revised:**

These data are based upon our knowledge at this moment. It is however no guarantee for product properties and do not have a contractual agreement.

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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