

MATERIAL SAFETY DATA SHEET

Sunoco Universal Brake Cleaner

Date issued: 22/04/2004

Date revised: 28/08/2008



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 Universal Brake Cleaner

1.2 Use of the substance or preparation:

Aerosol

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

Highly flammable.

Irritating to eyes and skin.

Vapours may cause drowsiness and dizziness.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	EC nr	CAS no	Weight %	Symbol	R - phrases
Naphta (petroleum), hydrotreated light	265-151-9	64742-49-0	50 ... 100	Xn, F, N	11-38-51/53-65-67
Acetone	200-662-2	67-64-1	10 ... 25	Xi, F	11-36-66-67

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4. FIRST AID MEASURES

Inhalation:

In case of inhalation of fumes, terminate the exposure and go in de fresh air immediately.
Inhalation of fumes, vapours or aerosols can cause slight irritation of the respirations ways.

Ingestion:

Drink a lot of water and get into fresh air. Consult a doctor.

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, water beam. In case of a larger fire water beam or alcohol prove foam.

Extinguishing media which must not be used for safety reasons:

Do not use strong 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 .

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7. HANDLING AND STORAGE

7.1 Handling

A sufficient ventilation must guarantee an exposure which do not exceed the acceptable limit.

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. Avoid high temperatures and humidity.

Store in a closed packing and away from heath sources. Keep container tightly closed and dry.

Store in dry, well ventilated area, with temperature < 50°C

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

Components with limits that should be taken in consideration in a working area :

67-64-1 Acetone : MAC () 1780 mg/mm³, 750 ppm

8.2.1 Occupational exposure controls

8.2.1.1 Respiratory protection:

Inhalation of mists, vapour and smoke needs to be avoided by means of safe working methods and good ventilation.

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

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Appearance: Aerosol
Odour: Characteristic

9.2 Important health, safety and environmental information

pH: Not applicable
Boiling point / boiling range: Due to aerosol not applicable
Flash point: <21°C
Explosive properties: LEL 1.1 % wt. – UEL 13.0 % wt.

Oxidizing properties: Not applicable
Vapour pressure: **330 hPa (248 mm Hg) at 20°C**
Relative density: 0,71 g/cm³ at 20°C
Solubility: - watersolubility: Nihil

9.3 Other information

Miscibility: Not applicable
Melting point / melting range: Not determined
Gas group: Not applicable
Auto-ignition temperature: The product doesn't auto-ignite
Other data: VOC 99,9%

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

64742-49-0

Oral LD50 >5000 mg/kg (rat)
Dermal LD50 >2600 mg/kg (rabbit)
Inhalation LC50/4h >193 mg/l (rat)

67-64-01

Oral LD50 5800 mg/kg (rat)
Dermal LD50 20000 mg/kg (rabbit)
Inhalation LC50/4h 39 mg/l (rat)

Primary disorder

Skin Irritates the skin
Eyes Mild irritation

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12. ECOLOGICAL INFORMATION

Ecotoxic effects

Remark : Poisonous to fish

Extra information :

13. DISPOSAL CONSIDERATIONS

Waste disposal methods must comply with national and local disposal or discharge laws.
The empty package isn't to be considered as chemical waste.

European detritus catalogue

20 01 13	Solvents
15 01 04	Metal packing

14. TRANSPORT INFORMATION

UN - number: 1950

Proper shipping name: AEROSOLS

IMDG

Class: 2

Other applicable information:

Label : 2.1

EMS number : F-D, S-U

Technical description : AEROSOLS

Marine pollutant:

No

ADR/RID

Class: 2 5F Gases

Other applicable information:

Kemler : 23

Description : 1950 AEROSOLS

ICAO/IATA

Class: 2

Other applicable information:

Label : 2.1

Description : AEROSOLS

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15. REGULATORY INFORMATION

This Safety Data Sheet has been established in accordance with E. C. Directive nr. 91/155/ECC

Danger symbol:



F



Xi



N

Risk - sentences:

11

36/38

51/53

67

11-36/38-51/53-67

Highly flammable.

Irritating to eyes and skin.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Vapours may cause drowsiness and dizziness.

Safety - sentences:

2

23

26

29/56

46

51

2-23-26-29/56-46-51

Keep out of the reach of children.

Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

Very toxic by inhalation.

Do not flush waste; this product and packing must be brought to a disposal for dangerous goods.

If swallowed, seek medical advice immediately and show this container or label.

Use only in well-ventilated areas.

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

Other regulatory information:

Aerosol under pressure. To be protected against the sun and not to be exposed to a temperature above 50°C. Do not perforate or burn the aerosol after use. Do not spray the direction of a flame or a glowing object. When there is no good ventilation, there is a possibility of an explosive vapour/air mixture. Contains 99,9 % wt flammable products.

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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 11 : Highly flammable

R 36 : Irritating to eyes

R 38 : Irritating to skin.

R 51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

R 66 : Repeated exposure may cause skin dryness or cracking.

R 67 : Vapours may cause drowsiness and dizziness.

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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