

Safety Data Sheet according to 91/155/EEC

PREMA GmbH

Revision date : 25.01.2006

Revision no. : 1,00

LEAK DETECTOR CONCENTRATE 500 ml

00623-0009

**1. Identification of the substance/preparation and of the company/undertaking****1.1 Identification of the substance or preparation**

LEAK DETECTOR CONCENTRATE 500 ml

Art.-No.:

2209185

Use of the substance/preparation

Product for hole detection in tires and tubes.

1.2 Company/undertaking identification

PREMA GmbH

Aspertsham 40

D-94081 Fürstenzell

Telephone : (++49) 8502 91 76 39

Inquiry office :

Emergency telephone : ++49 (0) 6132 / 84463 GBK Gefahrgut Buero GmbH, Ingelheim

2. Composition/information on ingredients**Chemical characterization** (preparation)

Aqueous solution

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
270-115-0	68411-30-3	sodium alkylbenzenesulfonate	< 15 %	Xi R38-41
	9004-82-4	fatty alcohol C12/14-EO-2-sulphate, sodiumsulfate	< 5 %	Xi R36/38
500-046-6	26183-52-8	decyl alcohol, ethoxylated	< 5 %	Xi R41
263-163-9	61791-31-9	bis(2-hydroxyethyl) cocos alkylamine	< 5 %	Xi R38-41
263-163-9	97043-91-9	Alkyl alcohols C9-16, ethoxylated	< 5 %	Xn, Xi R22-41

Full text of each relevant R phrase can be found in heading 16.

Additional Information

Total R38 < 20%

3. Hazards identification**Classification**

Symbols : Irritant

R-phrases :

Risk of serious damage to eyes.

4. First aid measures**General information**

Remove contaminated soaked clothing immediately.

In the event of persistent symptoms receive medical treatment.

After inhalation

Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.

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After contact with skin

Wash off with soap and plenty of water.

Consult a doctor if skin irritation persists.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Seek medical treatment by eye specialist.

After ingestion

Do not provoke vomiting. Consult physician. Attention in case of vomiting - acute danger of suffocating, produced by foaming ingredients. Rinse mouth. Make drink some glasses of water. The decision whether to provoke vomiting is to be taken by a physician.

5. Fire-fighting measures

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

Extinguishing media which must not be used for safety reasons

Full water jet

Special exposure hazards arriving from substance or preparation itself, combustion products, resulting gases

Fire may produce:

Carbon monoxide, carbon dioxide, sulphur oxides and nitrogen oxides (NOx).

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Additional information

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

Personal precautions

Attention. Hazard of skidding.

In case of vapour formation use respirator.

Ensure adequate ventilation.

Use personal protective clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Shovel into suitable container for disposal.

7. Handling and storage

7.1 Handling

Advice on safe handling

Keep container tightly closed.

Avoid contact with the skin and the eyes.

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Advice on protection against fire and explosion

No special protective measures against fire required.

7.2 Storage

Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.

Advice on storage compatibility

Incompatible with oxidizing agents.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

Storageclass (VCI) : 12

8. Exposure controls/personal protection

8.1 Exposure limit values

8.2 Exposure controls

Protective and hygiene measures

Avoid contact with eyes and skin.

Wash hands before breaks and at the end of workday.

When using, do not eat, drink or smoke.

Take off immediately all contaminated clothing.

Respiratory protection

No personal respiratory protective equipment normally required.

Hand protection

Protective gloves resistant to chemicals made off natural-rubber latex, Minimum coat thickness 0.6 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Lapren 706> made by www.kcl.de.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection

Safety goggles with side protection

Skin protection

Long sleeved clothing.

9. Physical and chemical properties

9.1 General information

Physical state : Liquid
Colour : Reddish, Brown
Odour : Mild

9.2 Important health, safety and environmental information

pH-Value : 5,3 Test method approx.

Changes in the physical state

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Melting point :	0 °C	approx.
Boiling point :	100 °C	approx.
Flash point :	n.a.	
Flammability		
Lower explosion limits :	n.d.	
Ignition temperature :	n.d.	
Density (at 20 °C) :	1,0 g/cm ³	approx.
Water solubility : at (20 °C)	Completely miscible	
Viscosity / dynamic : at (20 °C)	150 mPa·s	

10. Stability and reactivity

Conditions to avoid

To avoid thermal decomposition, do not overheat.

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Carbon monoxide, carbon dioxide, sulphur oxides, and nitrogen oxides (NOx).

Additional information

No decomposition if stored and applied as directed.

11. Toxicological information

Empirical data on effects on humans

Risk of strong eye injuries.

Watch out. Beware, hazard of foam aspiration.

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

12. Ecological information

Additional information

Do not flush into surface water or sanitary sewer system.

Hazard to waters

The surfactants contained are biodegradable.

13. Disposal considerations

Advice on disposal

Can be incinerated, when in compliance with local regulations.

Where possible recycling is preferred to disposal.

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Waste disposal number of waste from residues/unused products :

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors
Classified as hazardous waste.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.
Packaging that cannot be cleaned should be disposed of like the product.

14. Transport information

Land transport (ADR/RID)

Inland waterways transport

Marine transport

Air transport

Futher Information

No hazardous material as defined by the transport regulations.

15. Regulatory information

15.1 Labelling

Labelling according to EC-guidelines :
According to EC-regulations the product is to be labelled as follows:

R phrases :

41 Risk of serious damage to eyes.

S phrases :

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
35 This material and its container must be disposed of in a safe way.
39 Wear eye/face protection.

15.2 National regulations

Water contaminating class : 2 - water contaminating
1999/13/EC (VOC) : 0 %

16. Other information

List of relevant R phrases

22 Harmful if swallowed.
38 Irritating to skin.
41 Risk of serious damage to eyes.
36/38 Irritating to eyes and skin.

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Other data

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"
