

Safety Data Sheet (91/155/EEC)
PREMA GmbH
Revision date: 31.05.2005 No.: 1,00
PRE-BUFF CLEANER AEROSOL
00623-0002



1. Identification of the substance/preparation and company

1.1 Commercial product name
PRE-BUFF CLEANER AEROSOL

Use of the substance/preparation
cleaning agent

1.2 Information manufacturer/supplier

Quest Consumables Ltd
Stock House
Seymour Road
Nuneaton
Warwickshire
CV11 4LB

Tel: 02476 322126
Fax: 02476 322117
Email: info@questconsumables.com

2. Composition/information on ingredients

Chemical characterization : (preparation)
Preparation with aliphatic hydrocarbons (free of aromatic hydrocarbons)

Hazardous components

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

EC No.	CAS No.	Components	Quantity	Symbols	R-phrases
200-827-9	74-98-6	propane	5 - 10 %	F+ R12	
205-500-4	141-78-6	ethyl acetate	1 - 5 %	F, Xi	R11-36-66-67
203-448-7	106-97-8	butane	5 - 10 %	F+ R12	
265-151-9	64742-49-0	naphtha (petroleum)	> 70 %	F, N, Xi, Xn	R11-38 51/53-65-67

3. Hazards identification

Symbols : Extremely flammable, Irritant, Dangerous for the environment

R-phrases :

Extremely flammable.

Irritating to skin.

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

Vapours may cause drowsiness and dizziness.

Explication of special hazards for human health and environment

In use, may form flammable/explosive vapour-air mixture.

Heating will cause pressure rise with risk of bursting.

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4. First aid measures

General information

Remove contaminated soaked clothing immediately.
Take away from danger area and lay down affected person.

After inhalation

Move to fresh air in case of accidental inhalation of vapours.
In the event of symptoms refer for medical treatment.

After contact with skin

Wash off with soap and plenty of water.
Consult a doctor if skin irritation persists.

After contact with eyes

If eye irritation persists, consult a specialist.
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

After ingestion

Induce vomiting only upon the advice of a physician.
Attention! Beware, danger of aspiration!
Do not induce vomiting.
Summon a doctor immediately.

5. Fire-fighting measures

Suitable extinguishing media

Foam, carbon dioxide (CO₂), dry chemical, water-spray

Extinguishing media that must not be used for safety reasons

Full water jet

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

Fire may produce:
Carbon monoxide and carbon dioxide.

Special protective equipment for firefighters

Use breathing apparatus with independent air supply.

Additional information

Heating will cause pressure rise with risk of bursting.
Cool containers at risk with water spray jet.
Vapours can form an explosive mixture with air.

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6. Accidental release measures

Personal precautions

In case of vapour formation use respirator.
Use only explosion-proof equipment.
Ensure adequate ventilation.
Use personal protective clothing.
Keep away sources of ignition.

Environmental precautions

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

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

Avoid contact with the skin and the eyes.
Use only in thoroughly ventilated areas.

Advice on protection against fire and explosion

Do not smoke - volatile.
Keep away from open flames, hot surfaces and sources of ignition.
Pay attention to anti-explosion rules.
Do not spray on a naked flame or any other incandescent material.

7.2 Storage

Requirements for storage rooms and vessels

Protect against direct sun radiation.
Keep container tightly closed.
Use only in well-ventilated areas.

Advice on storage compatibility

Incompatible with oxidizing agents.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

Storageclass (VCI): 2 B

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8. Exposure controls/personal protection**8.1 Exposure limit values****Exposure limits (EH40)**

Components CAS No.	Exposure limit ml/m ³	mg/m ³	F/ml	Category	Origin
Ethyl acetate					
141-78-6	200	-		TWA (8 h)	OES
	400	-		STEL (15 min)	OES
Butane					
106-97-8	600	1450		TWA (8 h)	OES
	750	1810		STEL (15 min)	OES

8.2 Exposure controls**Protective and hygiene measures**

Avoid contact with eyes and skin

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Remove and wash contaminated clothes before re-use.

Do not breath vapours or spray mist.

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type AX).

Hand protection

Protective gloves resistant to chemicals made off nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Camatril Velours 730> 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

Body protection

Long sleeved clothing.

9. Physical and chemical properties**9.1 Appearance**

Form: aerosol

Colour: colourless

Odour: hydrocarbon-like

9.2 Important health, safety and environmental information**Test method****Changes in the physical state**Flash point:
Flammability

- 60 °C *)

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Ignition temperature:	510 °C	*)
Lower Explosion limit:	1,4 vol. %	
Upper Explosion limit:	32 vol. %	
Vapour pressure: (at 20 °C)	2100 hPa	
Density: (at 20 °C)	0,66 g/ml	
Water solubility: (at 20 °C)	immiscible g/l	

Solvent content

> 65 %

9.3 Other information**Further information**

*) Propellant

10. Stability and reactivity**Conditions to avoid**

Vapours may form explosive mixture with air.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Heating will cause pressure rise with risk of bursting.

Materials to avoid

Oxidizing agents.

Hazardous decomposition products

Carbon monoxide and carbon dioxide

Additional information

No decomposition if stored and applied as directed.

11. Toxicological information**Empirical data on effects on humans**

Irritating to skin.

Vapours may cause drowsiness and dizziness.

High concentration of vapours may cause irritation to eyes and respiratory system and produce narcotic effects.

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

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12. Ecological information

Additional information

Do not flush into surface water or sanitary sewer system.

Slightly water hazardous.

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

13. Advice on disposal

Dispose

Can be incinerated, when in compliance with local regulations.

Where possible recycling is preferred to disposal

Waste disposal number of Waste from residues / unused product : 150111

WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers
Classified as hazardous waste.

Contaminated packaging

Offer empty spray cans to an established disposal company.

14. Transport information

14.1 Land transport (ADR/RID)

ADR/RID: 2

UN number: 1950

Hazard label: 2.1

ADR packaging group: -

Description of the goods:

AEROSOLS

Remarks

LQ 2: combination packaging: 1 l / 30 kg (total gross mass); trays: 1 l / 20 kg (total gross mass)

14.2 Inland waterways transport

14.3 Marine transport

IMDG-Code: 2

UN number: 1950

EMS: F-D; S-U

Packaging group: -

Marine pollutant: No

Description of the goods

AEROSOLS

Hazard label: 2.1

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Remarks

Limited quantities (chapter 3.4): combination packaging: 1 l / 30 kg (total gross mass); trays: 1 l / 20 kg (total gross mass)

14.4 Air transport

ICAO/IATA-DGR: 2.1
UN/ID number: 1950
Hazard label: 2.1

IATA-packing instructions - passenger: 203
IATA-max. quantity - passenger: 75 kg
IATA-packing instructions - Cargo: 203
IATA-max. quantity - Cargo: 150 kg

ICAO-packaging group: -

Description of the goods

AEROSOLS FLAMMABLE

14.5 Further Information

15. Regulatory information

15.1 Labelling

Indication of danger

F+ - Extremely flammable; Xi - Irritant; N - Dangerous for the environment

Labelling according to EC-guidelines

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

R phrases

12-38-51/53-67

Extremely flammable.

Irritating to skin.

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

Vapours may cause drowsiness and dizziness.

S phrases

16-23-35-51-61-09

Keep away from sources of ignition - No smoking.

Do not breathe Aerosol.

This material and its container must be disposed of in a safe way.

Use only in well-ventilated areas.

Avoid release to the environment. Refer to special instructions / Safety data sheets.

Keep container in a well-ventilated place.

Special labelling for certain preparations

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition — No smoking.

Keep out of the reach of children.

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15.2 National regulations

Water contaminating class: 1 - slightly water contaminating
1999/13/EC (VOC): 100%

16. Other information**List of relevant R phrases**

- | | |
|-------|---|
| 11 | Highly flammable. |
| 12 | Extremely flammable. |
| 36 | Irritating to eyes. |
| 38 | Irritating to skin. |
| 65 | Harmful: may cause lung damage if swallowed. |
| 66 | Repeated exposure may cause skin dryness or cracking. |
| 67 | Vapours may cause drowsiness and dizziness. |
| 51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

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)"
