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IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT IDENTIFIER

1.1 Polar Cleaner and degreaser

RELEVANT IDENTIFIED OF THE SUBSTANCE/MIXTURE AND USES ADVISED AGAINST

1.2 Cleaning product

DETAILS OF THE Supplier

1.3 Riverbridge House,
Anchor Blvd,
Dartford,
DA2 6SL

EMERGENCY TELEPHONE NUMBER

1.4 CMT: 020 8311 1144
NHS: 111

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HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE/MIXTURE

Regulation (EC) No. 1272/2008

2.1 Skin Corrosion/Irritation - Category 2
Serious Eye Damage/Eye Irritation - Category 2
Skin Sensitization - Category 1

full text in Section 16

LABEL ELEMENTS

Regulation (EC) No. 1272/2008

2.2 Signal Word
Danger
Causes skin and serious eye irritation.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

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COMPOSITION/INFORMATION ON INGREDIENTS

ingredient name	w/w %	cas No
Methoxypropanol	10 -15	107-98-2
tetrapotassium pyrophosphate	1 - 5	7320-34-5
Alcohols,C9-11, ethoxylated	0.1 - 1	68439-46-3
Disodium metasilicate	0.1 - 1	6834-92-0
Benzalkonium chloride	0.1 - 1	63449-41-2

DESCRIPTION OF FIRST AID MEASURES

eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention

skin contact

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

4.1 ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical attention.

inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

4.2 No further relevant information available.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

4.3 No further relevant information available.

EXTINGUISHING MEDIA

5.1 CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

UNSUITABLE EXTINGUISHING MEDIA

5.2 No data

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE/MIXTURE

5.3 No further relevant information available.

ADVICE FOR FIREFIGHTERS

5.4 No special measures required.

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1 Not required

ENVIRONMENTAL PRECAUTIONS

6.2 No special measures required

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

6.3 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

REFERENCE TO OTHER SECTIONS

- 6.4** Refer to Sections 8 and 13.

OTHER DATA

- 6.5** not available

7**HANDLING AND STORAGE****PRECAUTIONS FOR SAFE HANDLING**

Precautions for safe handling

- 7.1** No special measures required.
- Advice on general occupational hygiene
- No special requirements.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

- 7.2** No special requirements.

SPECIFIC END USE(S)

- 7.3** No further relevant information available.

8**EXPOSURE CONTROLS/PERSONAL PROTECTION****CONTROL PARAMETERS**

8.1	ingredient	cas No	occupational exposure limit
	Methoxypropanol	107-98-2	6.8 mg/kg human/day (worker)

EXPOSURE CONTROLS

Engineering measures

The usual precautionary measures are to be adhered to when handling chemicals

Personal protective equipment

The usual precautionary measures are to be adhered to when handling chemicals

Respiratory protection

The usual precautionary measures are to be adhered to when handling chemicals

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Hand protection

The usual precautionary measures are to be adhered to when handling chemicals

Eye protection

The usual precautionary measures are to be adhered to when handling chemicals

Skin and body protection

The usual precautionary measures are to be adhered to when handling chemicals

Environmental Exposure Controls

The usual precautionary measures are to be adhered to when handling chemicals

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance	liquid
9.1 Colour	transparent
Odour	specific
pH	10 - 11

REACTIVITY

10.1 No dangerous reactions known.

CHEMICAL STABILITY

10.2 Stable under normal condition

POSSIBILITY OF HAZARDOUS REACTIONS

10.3 not know

CONDITIONS TO AVOID

10.4 extreme heat

INCOMPATIBLE MATERIALS

10.5 no

HAZARDOUS DECOMPOSITION PRODUCT(S)

10.6 No dangerous decomposition products known.

ACUTE TOXICITY INGESTION

11.1 > 2000 mg/kg

ACUTE TOXICITY SKIN CONTACT

11.2 > 2000 mg/kg

ACUTE TOXICITY INHALATION

11.3 > 2000 mg/kg

OTHER INFORMATION

11.4 n/a

TOXICITY

12.1 slightly hazardous for water

PERSISTENCE AND DEGRADABILITY

12.2
degradable

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DISPOSAL CONSIDERATIONS**WASTE TREATMENT METHODS**

13.1
Smaller quantities can be disposed of with household waste.

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TRANSPORT INFORMATION**ADR**

14.1
no

RID

14.2
no

AND

14.3
no

IMDG

14.4
no

ICAO-IT

14.5
no

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REGULATORY INFORMATION**SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

15.1
CLP/ DPD

CHEMICAL SAFETY ASSESSMENT

15.2
A chemical safety assessment has not been carried out for the substance or the mixture

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OTHER INFORMATION**PHRASES IN FULL**

16.1
P102: Keep out of reach of children.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

OTHER INFORMATION

16.2
n/a