

Eco Wash Neutral

According to EC-Regulation 2015/830

Section 1. Identification of the substance and of the company/undertaking

Company details:

Protectcoat International
Spinding 16
5431 SN CUIJK
The Netherlands
+31 (0)85-0655797
www.protectcoatint.com

Trade name : Eco Wash Neutral

1.2 Relevant identified uses of the substance or mixture and uses advised

Cleaning liquid

1.3 Emergency telephone number:

EU: call 112

Section 2. Hazards Identification

2.1 Classification of the substance or mixture

Eye Irrit. 2; H319

2.2 Label elements



Signal word:

Warning

Hazard statements

Eye Irrit. 2; H319

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Section 2. Hazards Identification

Precautionary Statements

General: If medical advice is needed, have product container or label at hand. (P101).

Keep out of reach of children. (P102).

Prevention: Wash hands/exposed skin thoroughly after handling. (P264). Wear eye protection/gloves. (P280)

Response: If eye irritation persists: Get medical advice/attention. (P337+P313). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338).

Storage: -

Disposal: -).

Identity of the substances primarily responsible for the major health hazards

Not applicable

Additional labelling

Not applicable

Unique formula identifier (UFI)

-

2.3. Other hazards

Not applicable

Additional warnings

Not applicable

VOC (volatile organic compound)

Not applicable

Section 3. Composition information on ingredients

NAME: (2-methoxymethylethoxy)propanol
IDENTIFICATION NOS.: CAS-no: 34590-94-8 EC-no: 252-104-2 REACH-no: 01-2119450011-60
CONTENT: 2.5 - <5%
CLP CLASSIFICATION: Acute Tox. 4, Eye Dam. 1
H302, H318

NAME: 1-Heptanol, 2-propyl-, 8EO
IDENTIFICATION NOS.: CAS-no: 160875-66-1
CONTENT: 1 – <2,5%
CLP CLASSIFICATION: Acute Tox. 4, Eye Dam. 1
H302, H318

Other information

ATEmix(oral) > 2000 Eye Cat. 1 Sum = Sum(Ci/S(G)CLi) = 1.6 – 2,4

Detergent:

<5%: NON-IONIC SURFACTANTS

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Section 4. First aid measures

4.1 Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Bring the person into fresh air and stay with him/her.

Skin contact

Immediately remove contaminated clothing and shoes. Ensure that skin, which has been exposed to the material, is washed thoroughly with soap and water.

Eye contact

Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable

4.2. Most important symptoms and effects, both acute and delayed

This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned: Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet.

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Section 5. Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist.

5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Halogenated compounds. Nitrogen oxides. Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

No specific requirements.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures

Section 7. Handling and storage

7.1. Precautions for safe handling

Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Storage temperature

Room temperature 18 to 23°C

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

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Section 8. Exposure controls – personal protection

8.1. Control parameters

OEL

(2-methoxymethylethoxy)propanol Long-term exposure limit (8-hour TWA reference period): 50 ppm | 308 mg/m³ Short-term exposure limit (15-minute reference period): - ppm | - mg/m³ Comments: Sk (Sk = Can be absorbed through skin.)

DNEL / PNEC

DNEL ((2-methoxymethylethoxy)propanol): 283 mg/kg bw/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

DNEL ((2-methoxymethylethoxy)propanol): 308 mg/kg

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - Workers

DNEL ((2-methoxymethylethoxy)propanol): 121 mg/kg bw/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - General population

DNEL ((2-methoxymethylethoxy)propanol): 37.2 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - General population

DNEL ((2-methoxymethylethoxy)propanol): 36 mg/kg bw/day

Exposure: Oral

Duration of Exposure: Long term – Systemic effects - General population

PNEC ((2-methoxymethylethoxy)propanol): 19 mg/l

Exposure: Freshwater

PNEC ((2-methoxymethylethoxy)propanol): 1.9 mg/l

Exposure: Marine water

PNEC ((2-methoxymethylethoxy)propanol): 190 mg/l

Exposure: Intermittent release

PNEC ((2-methoxymethylethoxy)propanol): 70.2 mg/kg/dwt

Exposure: Freshwater sediment

PNEC ((2-methoxymethylethoxy)propanol): 7.02 mg/kg/dwt

Exposure: Marine water sediment

PNEC ((2-methoxymethylethoxy)propanol): 2.74 mg/kg

Exposure: Soil

PNEC ((2-methoxymethylethoxy)propanol): 4168 mg/l

Exposure: Sewage Treatment Plant

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8. .2. Exposure controls

Compliance with the accepted occupational exposure limits values should be controlled on a regular basis.

General recommendations

Observe general occupational hygiene standards.

Exposure scenarios

There is no appendix to this safety data sheet.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

Ensure emergency eyewash and -showers are clearly marked.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment.



Generally

Use only CE marked protective equipment.

Respiratory Equipment

If ventilation at the work place is insufficient, use a half- or full mask with an appropriate filter or an air-supplied breathing apparatus depending on the specific work situation and how long you will be using the product.

Skin protection

Dedicated work clothing should be worn. Wear a protective suit in the event of prolonged periods of work with the product.

Hand protection

Butyl rubber Breakthrough time: > 480 minutes (Class 6)

Eye protection

Wear safety glasses with side shields

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Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Green
Odour	Faint
Odour threshold (ppm)	No data available.
pH	10,9
Viscosity (40°C)	No data available.
Density (g/cm ³)	1.02

Phase changes

Melting point (°C)	No data available.
Boiling point (°C)	100
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.

Data on fire and explosion hazards

Flash point (°C)	No data available.
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.

Solubility

Solubility in water	Soluble
n-octanol/water coefficient	No data available.

9.2. Other information

Solubility in fat (g/L)	No data available.
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Section 10. Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in the section "Handling and storage".

10.3. Possibility of hazardous reactions

Nothing special

10.4. Conditions to avoid

Nothing special

10.5. Incompatible materials

Strong acids, strong bases and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Substance: 1-Heptanol, 2-propyl-, 8EO

Species: Rat

Test: LD50

Route of exposure: Oral

Result: >300-2000mg/kg

Substance (2-methoxymethylethoxy)propanol

Species: Rat

Test: LD50

Route of exposure: Oral

Result: >300-2000 mg/kg

Substance: (2-methoxymethylethoxy)propanol

Species: Rabbit

Test: LD50

Route of exposure: Dermal

Result: 9510 mg/kg

Substance: (2-methoxymethylethoxy)propanol

Species: Rat

Test: LC50

Route of exposure: Inhalation

Result: 3.35 mg/l 7h ånga

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Section 11. Toxicological information

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

STOT-single exposure

May cause respiratory irritation.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Long term effects

This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Section 12. Ecological information

12.1 Toxicity

Substance: 1-Heptanol, 2-propyl-, 8EO

Species: Fish

Test: LC50

Duration: 96 h

Result: 10-100mg/l

Substance 1-Heptanol, 2-propyl-, 8EO

Species: Daphnia

Test: EC50

Duration: 48 h

Result: 10-100 mg/l

Substance: 1-Heptanol, 2-propyl-, 8EO

Species: Algae

Test: EC50

Duration: 72h

Result: 10-100 mg/l

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Substance: 1-Heptanol, 2-propyl-, 8EO

Species: Fish

Test: NOEC

Duration:

Result: >1 mg/l

Substance: (2-methoxymethylethoxy)propanol

Species: Fish

Test: LC50

Duration: 96h

Result: 1000 mg/l

Substance: : (2-methoxymethylethoxy)propanol

Species: Daphnia

Test: EC50

Duration: 48h

Result: 1919mg/l

Substance: (2-methoxymethylethoxy)propano

Species: Daphnia

Test: NOEC

Duration: 22d

Result: 0,5 mg/l

Substance: (2-methoxymethylethoxy)propanol

Species: Algae

Test: EC50

Duration: 72h Result: 969 mg/

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
1-Heptanol, 2-propyl-, 8EO	Yes	Closed bottle test	>60%
Fettalkoholethoxylat.	Yes	CO2 Evolution Test	>60%

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
1-Heptanol, 2-propyl-, 8EO	No		No data available

12.4. Mobility in soil

(2-methoxymethylethoxy)propano...: Log Koc= 0.28 (High mobility potential.)

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects

Nothing Special

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Section 13. Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

Waste

EWC code

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Specific labelling

Not applicable

Contaminated packing

Contaminated packaging must be disposed of similarly to the product.

Section 14. Transport Information

14.1 – 14.4

This product is within scope of the regulations of transport of dangerous goods.

ADR/RID

14.1. -

14.2. -

14.3. -

14.4. -

IMDG

UN-no. -

Proper Shipping Name -

Class -

PG* -

EmS - MP** -

Hazardous constituent –

IATA/ICAO

UN-no. 1760

Proper Shipping Name CORROSIVE LIQUID, N.O.S.

Class 8

PG* III

14.5. Environmental hazards

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14.6. Special precautions for user

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14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

(*) Packing group | (**) Marine pollutant

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Section 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Demands for specific education

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Additional information

Not applicable.

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Biocidal reg. no.

Not applicable

Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work. Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP). Regulation (EC) 1907/2006 (REACH).

15.2. Chemical safety assessment

No

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Section 16. Other information

The full text of identified uses as mentioned in section 1

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The full text of identified uses as mentioned in section 3

H302 - Harmful if swallowed.

H318 - Causes serious eye damage.

Additional label elements

Not applicable

Other

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on: The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) The classification of the mixture in regard of skin corrosion and serious eye damage is based on the pHcriterion given by Regulation (EC) No. 1272/2008 (CLP)It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification. The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products. A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

16.6 Additional information available from:

Protectcoat International

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www.protectcoatint.com

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