

# Safety Data Sheet

in accordance with Commission Regulation (EU) 2015/830 amending 1907/2006/EC

Marldon MXC 735 - Cleaner



Version 1

Revision date: 12<sup>th</sup> October 2016

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

### · 1.1 Product identifier:

Trade Name: Marldon MXC 735 Floor Cleaner

### · 1.2 Relevant identified uses of the substance or mixture and uses advised against

· Use of the substance / preparation Cleaning agent for finished flooring

### · 1.3 Details of the supplier of the safety data sheet

SUPPLIER: Havwoods Accessories  
172 Brierley Road  
Walton Summit Centre  
Preston  
PR5 8AH

### · 1.4 Emergency telephone number 7am - 5pm Monday to Friday

Phone: 01772 647389

Fax: 01772 647397

## 2. HAZARDS IDENTIFICATION

### · 2.1 Classification of the substance or mixture

### · 2.2 Label elements

Composition on the label propylheptanol ethoxylate: <1%.

### · 2.3 Other hazards

When spray applying see section 8.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance	Identification	Classification	Contents
Propylheptanol ethoxylate	CAS no: 160875-66-1	Xi; R41 Eye Dam. 1; H318 Acute tox. 4; H302	<1%

## 4. FIRST AID MEASURES

### · 4.1 Description of first aid measures

· **General information:** Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person.

· **Inhalation:** Use with adequate ventilation.

· **Skin contact:** Remove/Take off immediately all contaminated clothing. IF ON SKIN: Gently wash with plenty of soap and water. Do NOT use solvents or thinners.

# Safety Data Sheet

in accordance with Commission Regulation (EU) 2015/830 amending 1907/2006/EC

Marldon MXC 735 - Cleaner



Version 1

Revision date: 12<sup>th</sup> October 2016

- **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.
- **Ingestion:** Get immediate medical advice/attention.
- **4.2 Most important symptoms and effects, both acute and delayed**
- **General symptoms and effects** No specific symptoms exist.
- **4.3 Indication of any immediate medical attention and special treatment needed**
- **Medical treatment** No specific treatment necessary.

## 5. FIRE-FIGHTING MEASURES

- **5.1 Extinguishing media**
- **Recommended extinguishing media:**  
Alcohol resistant foam, CO<sub>2</sub>, powders, water spray. Do not use water jet.
- **5.2 Special hazards arising from the substance or mixture**  
**Fire and explosion hazards:** Fire will produce dense black smoke. Decomposition products can be hazardous. At high temperatures create: Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), smoke, nitrogen gases (NO<sub>x</sub>).
- **5.3 Advice for firefighters**
- **Personal protective equipment:** Wear respiratory protection.
- **Other Information:** Eliminate all ignition sources if safe to do so. Do not allow run-off from fire fighting to enter drains or water courses.

## 6. ACCIDENTAL RELEASE MEASURES

- **6.1 Personal precautions, protective equipment and emergency procedures**
- **General measures:** See section 7 and 8
- **Personal protection measures:** In case of inadequate ventilation wear respiratory protection. Wear fire / flame resistant / retardant clothing. Use personal protective equipment as required. Wear cold insulating gloves / face shield / eye protection. Wear protective gloves / protective clothing / eye protection / face protection. Avoid breathing dust / fume / gas / mist / vapours / spray. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- **6.2 Environmental precautions:**
- **Environmental precautionary measures:** Collect spillage. Avoid release to the environment. If the product contaminates lakes, rivers or sewers, inform appropriate authorities in accordance with local regulations.

# Safety Data Sheet

in accordance with Commission Regulation (EU) 2015/830 amending 1907/2006/EC

Marldon MXC 735 - Cleaner



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Revision date: 12<sup>th</sup> October 2016

## · 6.3 Methods and material for containment and cleaning up:

· **Cleaning method:** Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.

## · 6.4 Reference to other sections

See Section 7, 8.

## 7. HANDLING AND STORAGE

### · 7.1 Precautions for safe handling

· **Handling:** Avoid spilling, skin and eye contact. Avoid breathing dust / fume / gas / mist / vapours / spray.

· **Protective Safety Measures:** Smoking, eating and drinking should be prohibited in application area. Remove contaminated clothing and protective gear before you get to an area where meals are taken.

· **Additional information:** Never use pressure to empty : container is not a pressure vessel. For personal protection see Section 8.

### · 7.2 Conditions for safe storage, including any incompatibilities

· **Storage:** Keep only in original container. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Protect from sunlight. Store in a dry place. Ensure that the safety legislation laws are followed.

· **Conditions to Avoid:** Keep away from heat / sparks / open flames / hot surfaces. No smoking. Protect from sunlight. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials. Prevent unauthorized access.

· **Storage Temperature:** Value: 5 - 25°C

### · 7.3 Specific end use(s)

· **Recommendations:** Do not handle until all safety precautions have been read and understood.

## 8. EXPOSURE CONTROLS

### · 8.1 Control parameters

· **Occupational Exposure limit values:**

Substance	Identification	Value	TWA Year
Propylheptanol ethoxylate	CAS no: 160875-66-1		

### · 8.2 Exposure Controls

· **Precautionary measures to prevent exposure:**

**Appropriate engineering controls:** Use with adequate ventilation. If possible this should be achieved by local extraction and good exhaust ventilation. If these are not sufficient to maintain

# Safety Data Sheet

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Marldon MXC 735 - Cleaner



Version 1

Revision date: 12<sup>th</sup> October 2016

concentrations of particulates and solvent vapours below the OEL, suitable respiratory equipment.

- **Respiratory protection:** Respiratory protection with gas filter (brown A) must be used if air concentration exceeds acceptable level (OEL).

- **Mask type:** When spraying, use half-or full face mask with filter P2 (1lb) to spray.

- **Hand protection:** Wear cold insulating gloves / face shield / eye protection

- **Skin/hand protection long term contact:** For prolonged or repeated contact use gloves made of butyl rubber.

- **Suitable materials:** Barrier creams may help to protect the skin, but they should however not be used once exposure has occurred.

- **Eye / face protection:** Suitable eye protection – Wear cold insulating gloves/face shield / eye protection

- **Skin protection (except hands):** Wear fire / flame resistant / retardant clothing

- **Exposure controls:** Safety measures for consumer use of the chemical. Read label before use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### · 9.1 Information on basic physical and chemical properties

Physical state	Liquid
Odour	Faint
Comments, Odour limit	Not applicable
Comments, pH (aqueous solution)	Not determined
Comments, Melting point/melting range	Not determined
Comments, Boiling point/boiling range	Not determined
Comments, Flash point	Not applicable
	Waterbased product
Comments, Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Comments, Explosion limit	Not applicable
Comments, Vapour pressure	Not determined
Comments, Vapour density	Not determined
Specific gravity	Value: 1 g/ml
Solubility in water	unlimited
Comments, Partition coefficient: noctanol/water	Not applicable
Explosive properties	Not explosive
Oxidising properties	Not oxidising

### · 9.2 Other Information

Content of Voc	Value: 0 g/ml
	Comment:initial boiling point less than or equal to 250°C

# Safety Data Sheet

in accordance with Commission Regulation (EU) 2015/830 amending 1907/2006/EC

Marldon MXC 735 - Cleaner



Version 1

Revision date: 12<sup>th</sup> October 2016

## 10. STABILITY AND REACTIVITY

- **10.1 Reactivity**
- **Reactivity:** Not reactive.
- **10.2 Chemical stability**
- **Stability:** Stable under recommended storage and handling conditions (see section 7).
- **10.3 Possibility of hazardous reactions**
- **Possibility of hazardous reactions:** Not dangerous if handled according to Technical information.
- **10.4 Conditions to avoid**
- **Conditions to avoid:** Not applicable.
- **10.5 Incompatible materials**
- **Materials to avoid:** Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reaction.
- **10.6 Hazardous decomposition products**
- **Hazardous decomposition products:** When exposed to high temperature may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

## 11. TOXICOLOGICAL INFORMATION

- **11.1 Information on toxicological effects**
- **Toxicological data for substances:**

Substance	propylheptanol ethoxylate
LD50 oral	Value: > 2000 mg/kg Animal test species: Rat
Eye damage or irritation other info	Causes serious eye damage
- **Potential acute effects:**

Inhalation	May cause drowsiness or dizziness. May cause respiratory irritation.
Skin contact	No information is available
Eye contact	No information is available
Ingestion	Ingestion may cause nausea and vomiting
Skin corrosion/irritation, other	No information available
Aspiration hazard, human experience	When applying see section 8.
Eye damage or irritation other info	If splashed in the eyes, the liquid may cause irritation and reversible damage
- **Delayed effects / repeated exposure:**

General respiratory or skin sensitisation	Prolonged or repeated contact may defat the skin, resulting in non-allergic contact eczema and absorption through the skin
STOT-single exposure	No information available
STOT-repeated exposure	No information available

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Marldon MXC 735 - Cleaner



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Revision date: 12<sup>th</sup> October 2016

· **Carcinogenic, Mutagenic or Reprotoxic:**

Carcinogenicity human experience No information is available.

Germ Cell Mutagenicity,

human experience

No information available

Reproductive toxicity

No information available

## 12. ECOLOGICAL INFORMATION

· **12.1 Toxicity**

· **Substance:** Not reactive.

· **Toxicological data for substances:**

Substance

propylheptanol ethoxylate

Acute aquatic, fish

Value: > 10 – 100 mg/l

Method of testing: LC50

Duration: 96h

Acute aquatic, algae

Value: > 10 – 100 mg/l

Method of testing: EC50

Duration: 72h

Acute aquatic, Daphnia

Value: > 10 – 100 mg/l

Method of testing: EC50

Duration: 48h

Persistence and degradability

Meets criteria for biodegradability in accordance with the EC Directive 648/2004 with respect to cleaning agents.

Bioaccumulation

Not Bioaccumulative

· **12.2 Persistence and degradability**

· **Persistence and degradability:**

Meets criteria for biodegradability in accordance with the EC Directive 648/2004 with respect to cleaning agents.

· **12.3 Bioaccumulative potential**

· **Bioaccumulation evaluation:**

Not deemed to be bioaccumulative.

· **12.4 Mobility in soil**

· **Mobility:**

Soluble in water.

· **12.5 Results of PBT and vPvB assessment**

· **PBT assessment results:**

Not classified as PBT/vPvB of current EU criteria.

· **12.6 Other adverse effects**

· **Other adverse effects / Remarks:** None known.

## 13. DISPOSAL CONSIDERATIONS

· **13.1 Waste treatment methods**

· **Specify the appropriate methods of disposal:** Avoid release to the environment. Collect spillage.

· **Product classified as hazardous waste:** No.

# Safety Data Sheet

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Marldon MXC 735 - Cleaner



Version 1

Revision date: 12<sup>th</sup> October 2016

- **EWC waste code:** EWC: 08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS

## 14. TRANSPORT INFORMATION

- **14.1 UN number:**
  - **ADR, ADN, IMDG, IATA** Not regulated for transport
- **14.2 UN proper shipping name**
  - **ADR, ADN, IMDG, IATA** Not regulated for transport
- **14.3 Transport hazard class(es)**
  - **ADR, ADN, IMDG, IATA**
  - **Class** Not regulated for transport
- **14.4 Packing group**
  - **ADR, IMDG, IATA** Not regulated for transport
- **14.5 Environmental hazards:**
  - **IMDG Marine pollutant:** No
- **14.6 Special precautions for user** Not applicable.
- **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.
  - **UN "Model Regulation":** Void

## 15. REGULATORY INFORMATION

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **Legislation and regulations:** Classification and labelling of substances under Directive 67/548/EC, 1999/45/EC, see section 3.  
Classification and labelling of substances according to Regulation (EC) 1272/2008 (CLP) is in section 3.  
The labelling of the product according to EC directives 67/548/EEC, 1999/45/EC, see section 2.  
Safety data sheet is designed according to EU Commission Regulation No. 1907/2006.
- **15.2 Chemical safety assessment**
  - **Chemical safety assessment performed:** No.

# Safety Data Sheet

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Marldon MXC 735 - Cleaner



Version 1

Revision date: 12<sup>th</sup> October 2016

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## 16. OTHER INFORMATION

Classification and labelling of substances

· **List of relevant H-phrases (Section 2 and 3):**

H318 Causes Serious eye damage

H302 Harmful if swallowed

· **Version:** 1

· **Responsible for safety data sheet:** Havwoods Accessories Ltd

· **Comments:** The information of this SDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product : it is not to be considered as a guarantee of the products properties.

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