

Safety Data Sheet

in accordance with 1907/2006/EC

Marldon MXC 745 - Refresher



Version 1

Date: 19th October 2016

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

• 1.1 Product identifier:

Trade Name: Marldon MXC 745 Refresher

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

• Use of the substance/preparation Waterbased refresher for finished floors

• 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 Ammonia ...%:< 1%

• 2.3 Other hazards

Other hazards When spray applying see section 8.

3. COMPOSITION/INFORMATION ON INGREDIENTS

• 3.2 Mixtures

• Description: Mixture of substances listed below.

• Additional information: For the wording of the listed risk phrases refer to section 16.

| Substance | Identification | Classification | Contents |
|--------------|---|--|----------|
| Ammonia ...% | CAS no.: 1336-21-6 EC no.: 215-647-6 Index no.:007-001-01-2 | C; R34 N; R50 Skin Corr 1B; H314; Aquatic Acute 1; H400; Note: B | < 1 % |

4. FIRST AID MEASURES

• 4.1 Description of first aid measures

Safety Data Sheet

in accordance with 1907/2006/EC

Marldon MXC 745 - Refresher



Version 1

Date: 19th October 2016

- **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.
- **Eye contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Get medical advice/attention if you feel unwell.
- **Ingestion:** IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

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

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

5. FIRE-FIGHTING MEASURES

• 5.1 Extinguishing media

• **Suitable extinguishing agents:**

Recommended extinguishing media : alcohol resistant foam, CO₂, 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 (CO₂), smoke, nitrogen gases (NO_x).

• 5.3 Advice for firefighters

• **Personal Protective equipment:** Wear respiratory protection.

• **Other:** Eliminate all ignition sources if safe to do so. Do not allow run-off from the 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/flammable 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:

Safety Data Sheet

in accordance with 1907/2006/EC

Marldon MXC 745 - Refresher



Version 1

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Environmental precautions: Collect spillage. Avoid release to the environment. If the product contaminates lakes, rivers or sewers, inform appropriate authorities in accordance with local regulations.

· **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**

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. Avoid breathing dust.

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

· **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. Store in a dry place. Store in a closed container. Keep cool. Protect from sunlight. Comply with the health and safety at work laws.

· **Conditions to Avoid:** Protect from sunlight. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Prevent unauthorised access.

· **Conditions for safe storage:** Value: 5 - 25°C

· **7.3 Specific end use(s)** Recommendation: 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 |
|--------------|--|-------|----------|
| Ammonia ...% | CAS no.: 1336-21-6 EC no.: 215-647-6 Index no.: 007-001-01-2 | | |

· **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 745 - Refresher



Version 1

Date: 19th 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.

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 (as supplied) | Not determined. |
| Comments, pH (aqueous solution) | Not determined. |
| Comments, Melting point / melting range | Not determined. |
| Comments, Boiling point / boiling range | Not determined. |
| Flash point | Value: > 105 °C |
| 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: 1g/ml |
| | Method of testing: ASTM 6450 |
| | Test temperature: 23°C |
| Solubility in water | unlimited. |
| Comments, Partition coefficient: n-octanol/water | Not applicable |
| Comments, Decomposition temperature | Not determined |
| Explosive properties | Not explosive |
| Oxidising properties | Not Oxidising. |

• 9.1 Information on basic physical and chemical properties

| | |
|----------------|---|
| Content of Voc | Value: 0 g/l |
| Comments: | Initial boiling point less than or equal to 250°C |

Safety Data Sheet

in accordance with 1907/2006/EC

Marldon MXC 745 - Refresher



Version 1

Date: 19th October 2016

10. STABILITY AND REACTIVITY

· 10.1 Reactivity

Reactivity: No reactivity.

· 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

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 information: No information is 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.

· Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity human experience: No information available.

Germ Cell Mutagenicity, human experience: No information available.

Reproductive toxicity: No information available.

Safety Data Sheet

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Marldon MXC 745 - Refresher



Version 1

Date: 19th October 2016

12. ECOLOGICAL INFORMATION

· 12.1 Toxicity

· **Aquatic, comments:** Ammonia is very toxic to aquatic life.

Toxicological data for substances

· 12.2 Persistence and degradability

Persistence and degradability: Not determined.

· 12.3 Bioaccumulative potential

Bioaccumulation evaluation: Not determined.

· 12.4 Mobility in soil

Mobility: Not determined.

· 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: Yes

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, National waste code: 01, National wastegroup: 11

14. TRANSPORT INFORMATION

· 14.1 UN number:

· **ADR, RID, IMDG, ICAO/IATA** Not regulated for transport

· 14.2 UN proper shipping name

· **ADR, RID, IMDG, ICAO/ IATA** Not regulated for transport

· 14.3 Transport hazard class(es)

· **ADR, RID, IMDG, ICAO/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

Safety Data Sheet

in accordance with 1907/2006/EC

Marldon MXC 745 - Refresher



Version 1

Date: 19th October 2016

- **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 according to Regulation (EC) 1272/2008 (CLP) is in section 3.

Classification and labelling of substances according to Regulation (EC) 1272/2008 (CLP) is in 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.

16. OTHER INFORMATION

List of relevant R-phrases (under headings 2 and 3):

R34 Causes burns.

R50 Very toxic to aquatic organisms.

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

H400 Very toxic to aquatic organisms

H314 Causes severe skin burns and eye damage

- **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.