

# Safety Data Sheet

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

Marldon MXC 700 - Liquidwax Care



Version 3

Revision date: 26<sup>th</sup> September 2017

Replaces Version dated Feb 2017.

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

### · 1.1 Product identifier:

Trade Name: Marldon MXC 700 Liquidwax Care - colourless

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

#### Relevant identified uses

Care product

· **Application of the substance / the mixture** For the cleaning of Hardwood Flooring

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

SUPPLIER: Havwoods Accessories  
172 Brierley Road  
Walton Summit Centre  
Preston  
PR5 8AH  
Website: [www.marldonuk.com](http://www.marldonuk.com) / Email: [info@marldonuk.com](mailto:info@marldonuk.com)

### · 1.4 Emergency telephone number

7am - 5pm Monday to Friday. At all other times please contact your national poisoning centre.

Phone: 01772 696600

Fax: 01772 647397

## 2. HAZARDS IDENTIFICATION

### · 2.1 Classification of the substance or mixture

#### · Classification according to Regulation (EC) No 1272/2008 [CLP]

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 3 / H226	Flammable liquids	Flammable liquid and vapour.
STOT SE 3 / H336	Specific target organ toxicity (single exposure)	May cause drowsiness or dizziness.
Aquatic Chronic 3 / H412	Hazardous to the aquatic environment	Harmful to aquatic life with long lasting effects.

### · 2.2 Label elements

#### · Labelling according to Regulation (EC) No 1272/2008 [CLP]

The product is classified and labelled according to the CLP regulation.

#### · Hazard pictograms



Warning

Hazard statements

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H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

## Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing vapours.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves and eye/face protection.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P370 + P378 In case of fire: Use Extinguishing powder or sand to extinguish.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Keep locked up.

P501 Dispose of contents/container to industrial incineration plant.

## contains:

hydrocarbon, C9-C11, isoalkane, cycloalkane, <2% aromatics

## • Supplemental information (EU):

Not applicable.

## • 2.3 Other hazards

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### • 3.2 Mixtures

• **Product description / chemical characterization:** Wax

• **Description:** Wax

### • **Hazardous ingredients:**

Classification according to Regulation (EC) No. 1272/2008 [CLP]

EC No CAS No INDEX No	REACH No. Chemical name Classification: // Remark	Wt%
927-241-2 64742-48-9	01-2119480153-44 Hydrocarbon, C9-C11, isoalkane, cycloalkane, <2% aromatics Flam. Liq. 3 H226 / Asp.Tox.1 H304 / STOT SE 3 H336 / Aquatic Chronic 3 H412	50 - 100

• **Additional information:** Full text of H-phrases : see section 16.

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· Labelling for contents according to regulation (EC) No. 648/2004:		
Wt%	Ingredient (Designation)	
>30%	hydrocarbon, C9-C10, n-Alkane, Isoalkane, Cycloalkane <2% Aromatics	

## 4. FIRST AID MEASURES

### · 4.1 Description of first aid measures

#### · General information:

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

#### · In case of inhalation:

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

#### · Following skin contact:

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

#### · After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

· **After ingestion:** If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

### · 4.2 Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

### · 4.3 Indication of any immediate medical attention and special treatment needed

## 5. FIRE-FIGHTING MEASURES\*

### · 5.1 Extinguishing media

#### · Suitable extinguishing media:

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

#### · Extinguishing media which must not be used for safety reasons:

strong water jet

### · 5.2 Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

### · 5.3 Advice for firefighters

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

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## 6. ACCIDENTAL RELEASE MEASURES

### - 6.1 Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours. See protective measures under point 7 and 8.

### - 6.2 Environmental precautions:

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

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

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculite, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents.

### - 6.4 Reference to other sections

Observe protective provisions (see chapter 7 and 8).

## 7. HANDLING AND STORAGE\*

Due to the content of organic solvents in the preparation:

### - 7.1 Precautions for safe handling

#### Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to chapter 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

#### Precautions against fire and explosion:

Vapours are heavier than air. Vapours form explosive mixtures with air.

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

#### Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRBS 2153)".

#### Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

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## Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

## · 7.3 Specific end use(s)

Observe technical data sheet. Observe instructions for use.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### · 8.1 Control parameters

#### · Occupational exposure limit values:

not applicable

### · 8.2 Exposure controls

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

#### Occupational exposure controls

##### Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

##### Hand protection

For prolonged or repeated handling the following glove material must be used: Butyl caoutchouc (butyl rubber) Thickness of the glove material > 0,4 mm ; Breakthrough time (maximum wearing time) > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles DIN EN 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

##### Eye protection

Wear closely fitting protective glasses in case of splashes.

##### Protective clothing

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

##### Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

##### Environmental exposure controls

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES\*

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

#### - General Information

##### Appearance

Physical state	Liquid
Colour	Colourless
Odour	Characteristic
Odour threshold:	not applicable
pH at 20°C	not applicable
Melting point/freezing point	not applicable
Initial boiling point and boiling range	not applicable
Flash point:	27°C
	Method: DIN 53213-1 (08/2002: replaced by EN ISO 1523)
Evaporation rate	not applicable
Flammability (solid, gas):	
Burning time (s)	not applicable
Upper/lower flammability or explosive limits	
Lower explosion limit	0,8 Vol-%
Upper explosion limit	not applicable
Vapour pressure at 20°C	not applicable
Vapour density	not applicable
Relative density	
Density at 20°C	0,76 g/cm <sup>3</sup>
Solubility(ies)	
Water solubility (g/L) at 20 ° C	insoluble
Partition coefficient: n-octanol/water	see section 12
Auto-ignition temperature	not applicable
Decomposition temperature	not applicable
Viscosity at °C	thixotrop
Explosive properties	not applicable
Oxidising properties	not applicable

#### - 9.2 Other information

Solid content (%)	10 Wt%
Solvent content:	
Organic solvents	90 Wt%
Water	0 Wt%
Solvent separation test (%)	< 3 Wt% (ADR/RID)

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## 10. STABILITY AND REACTIVITY\*

### · 10.1 Reactivity

### · 10.2 Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

· **10.3 Possibility of hazardous reactions** Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

### · 10.4 Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

### · 10.5 Incompatible materials:

· **10.6 Hazardous decomposition products:** Hazardous decomposition byproducts may form with exposure to high temperatures, e.g. carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION

Classification according to Regulation (EC) No. 1272/2008 [CLP]

No data on preparation itself available.

### · 11.1 Information on toxicological effects

#### Acute toxicity

Toxicological data are not available.

#### skin corrosion/irritation; Serious eye damage/eye irritation

Toxicological data are not available.

#### Respiratory or skin sensitisation

Toxicological data are not available.

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Toxicological data are not available.

#### Specific target organ toxicity

Toxicological data are not available.

#### Aspiration hazard

Toxicological data are not available.

#### Practical experience/human evidence

Other observations:

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin



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resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

## Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

## 12. ECOLOGICAL INFORMATION\*

### overall evaluation

Classification according to Regulation (EC) No. 1272/2008 [CLP]

There is no information available on the preparation itself.

Do not allow to enter into surface water or drains.

#### · 12.1 Toxicity

No information available

#### Long-term Ecotoxicity

Toxicological data are not available.

#### · 12.2 Persistence and degradability

Toxicological data are not available.

#### · 12.3 Bioaccumulative potential

Toxicological data are not available.

#### Bioconcentration factor (BCF)

Toxicological data are not available.

#### · 12.4 Mobility in soil

Toxicological data are not available.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### · 12.6 Other adverse effects

## 13. DISPOSAL CONSIDERATIONS

### · 13.1 Waste treatment methods

#### · Appropriate disposal/Product

#### · Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

#### · List of proposed waste codes/waste designations in accordance with EWC

080111	Waste paint and varnish containing organic solvents or other dangerous substances
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#### · packaging:

#### · Recommendation:



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Non contaminated packages may be recycled. Vessels not properly emptied are special waste.

## 14. TRANSPORT INFORMATION\*

· 14.1 UN-Number	UN 1263
· 14.2 UN proper shipping name · ADR/RID, IMDG, ICAO-TI/IATA-DGR	PAINT
· 14.3 Transport hazard class(es) Land · ADR/RID  Sea · IMDG FOR PACKAGES < 30 litres  Air · ICAO-TI / IATA-DGR	Not a good grade 3 For containers >450 L Class 3 3 Transport in accordance with the provisions of paragraph 2.3.2.5 of the IMDG Code. 3
· 14.4 Packing group	III
· 14.5 Environmental hazards: · Land transport (ADR/RID): · Marine pollutant:	Not applicable Not applicable
· 14.6 Special precautions for user	Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage. Advices on safe handling: see parts 6 - 8
Additional information Land transport (ADR/RID) Tunnel restriction code Sea transport (IMDG) EmS-No. Air transport (ICAO-TI / IATA-DGR)	D/E F-E, S-E
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.

## 15. REGULATORY INFORMATION\*

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

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## Directive 2010/75/EU on industrial emissions

VOC-value (in g/L):684

## National regulations

### Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

### - 15.2 Chemical safety assessment:

**For the following substances of this preparation a chemical safety assessment has been carried out:**

EC No. CAS No.	Chemical Name	REACH No.
927-241-2 64742-48-9	Hydrocarbon, C9-C11, Isoalkane, Cycloalkane, <2% aromatics	01-2119480153-44

## 16. OTHER INFORMATION

### Full text of classification in section 3:

Flam.Liq.3 / H226

Flammable liquids

Flammable liquid and vapour

Asp.Tox.1 / H304

Aspiration hazard

May be fatal if swallowed and enters airways.

STOT SE 3 / H336

Specific target organ toxicity (single exposure)

May cause drowsiness or dizziness

Aquatic Chronic 3 / H412

Hazardous to the aquatic environment

Harmful to aquatic life with long lasting effects.

### - Abbreviations and acronyms:

For abbreviations and acronyms, see ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Additional information

Classification according to Regulation (EC) No. 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.