

Safety Data Sheet

According to Regulation (EU) 2015/830



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1	Product Name	MN2
1.2	Relevant identified uses of the substance	Marking solution
1.3	Details of the supplier	Universal Marking Systems Ltd. Dukes Mill Station Approach Medstead Alton Hants GU34 5EN England
	Telephone	+44 (0) 1420 565800
	Email	Info@ums.co.uk
	Web	www.ums.co.uk
1.4	Emergency Telephone Number	+44(0) 1420 565800

SECTION 2: HAZARDS IDENTIFICATION

2.1	Classification of the substance or mixture	
	Classification of mixture	EC 1272/2008 (CLP)
	Physical hazards	None
	Health hazards	None
	Environmental Hazards	None
2.2	Label Elements	
	Hazard pictograms	None
	Signal Word	None
	Hazard statement	None
	Precautionary statements	None
	Contains	-
2.3	Other Hazards	None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1	Substances	-
3.2	Mixtures	
	Name of Ingredient	-
	CAS No	-
	Approx. content	-
	M-Factor	-
	Classification	-
3.3	Further Information	All components are either low hazard or are below the concentration limit for classification.

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SECTION 4: FIRST AID MEASURES

4.1	Description of First Aid Measures	
	General information	-
	Inhalation	Not considered a likely route of exposure.
	Ingestion	If product is swallowed, do NOT induce vomiting. Drink plenty of water.
	Eye contact	In case of contact with eyes, rinse immediately with plenty of water until irritation subsides.
	Skin contact	Clean areas of skin affected with soap and plenty of water.
4.2	Most important symptoms & side effects	
	General information	-
	Inhalation	No specific symptoms.
	Ingestion	No specific symptoms.
	Skin contact	No specific symptoms.
	Eye contact	No specific symptoms.
4.3	Indication of any immediate medical attention and special treatment needed	
	Notes for the doctor	-
4.4	Further Information	None

SECTION 5: FIREFIGHTING MEASURES

5.1	Suitable extinguishing media	To suit local surroundings (e.g. water spray, carbon dioxide, foam, chemical powder)
5.2	Special hazards arising from the mixture	
	Specific hazards	Decomposition products released in a fire, (e.g. oxides of nitrogen and carbon), should be considered toxic if inhaled.
	Hazardous combustion products	This product is non-combustible.
5.3	Advice for firefighters	
	Protective actions during firefighting	As appropriate for surrounding fire.
	Special protective equipment for firefighters	Fire fighters should wear protective equipment appropriate for surrounding fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	
6.2	Environmental precautions	Do not allow large volumes to get into waste water or waterways. Accidental release of this product does not present any significant hazards.
6.3	Methods and material for containment and cleaning up	Adhere to personal protective measures. Mop up with a cloth or take up with absorbent material, e.g. sand, sawdust, into tightly closable containers. Label container and dispose of as prescribed.
6.4	Reference to other sections	See Section 8 for personal protective equipment. See Section 13 for waste disposal.

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SECTION 7: HANDLING AND STORAGE

7.1	Precautions for safe handling	
	Usage precautions	Handle in accordance with good hygiene and safety practice. Wear suitable protective clothing as specified in section 8.
7.2	Conditions for safe storage, including any incompatibilities	
	Storage precautions	Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool and dry when not in use.
	Storage Class	12
7.3	Specific end use(s)	
	Usage description	Marking solution.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTIONS

8.1	Control Parameters	
	Occupational exposure limits	No Workplace Exposure Limits (WEL) assigned.
8.2	Exposure controls	
	Appropriate engineering controls	Ensure adequate ventilation of working area. Provide local exhaust ventilation if necessary.
	Individual protection measures	Observe normal standards for handling chemicals. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below). Personal protective equipment should be selected as appropriate for the identified hazard(s). It should be regularly inspected for soundness against leaks, bad fitting and possible chemical penetration. Recommended safe use periods should never be exceeded.
		Not required
		Not required for normal use. PVC gloves for dealing with large leaks or spillages.
		Not required.
		Not required.
		Not required.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties (typical data)	
	Appearance	Liquid supplied in 1 litre and 125 ml plastic bottles.
	Colour	Not available
	Odour	Slight
	Odour threshold	Not available
	pH	Approx. 7 – 8
	Melting point	Not available
	Initial boiling point and range	100°C approx.
	Flash point	Non combustible
	Evaporation rate	Not available
	Evaporation factor	Not available
	Upper/lower flammability or explosive limits	Non combustible
	Vapour pressure	Not available
	Vapour density	Not available
	Relative density	Not available
	Bulk density	Not applicable.
	Solubility(ies)	Miscible with water.
	Partition coefficient	Not available
	Auto-ignition temperature	Not combustible
	Decomposition temperature	Not available
	Viscosity	Not available
	Oxidising properties	Not oxidising

SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	Stable under normal use and storage conditions.
10.2	Chemical stability	Stable under normal conditions.
10.3	Possibility of hazardous reactions	None known.
10.4	Conditions to avoid	None known
10.5	Incompatible materials	None know
10.6	Hazardous decomposition product(s)	May generate toxic fumes if involved in a fire.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	
	Toxicological effects	This product is low hazard. No significant health hazards.
	Acute toxicity	Low acute toxicity.
	Skin corrosion/irritation	Not irritating.
	Serious eye damage/irritation	Not irritating.
	Respiratory sensitisation	Not sensitising.
	Inhalation	Low hazard.
	Ingestion	Low hazard.
	Skin contact	Low hazard.
	Eye contact	Low hazard.

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SECTION 12: ECOLOGICAL INFORMATION

12.1	Ecotoxicity	Data not available.
12.2	Toxicity	Data not available.
12.3	Persistence and degradability	Data not available.
12.4	Mobility in soil	Miscible with water.
12.5	Results of PBT and vPvB assessment	Data not available.
12.6	Other adverse effects	This product is low hazard and unlikely to cause environmental damage.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	
	General information	In accordance with national (i.e. Hazardous Waste Regulations in the UK) and local authority regulations, e.g. incineration. Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.
	Disposal methods	In the UK, this product and its containers can be disposed of as normal industrial waste.

SECTION 14: TRANSPORT INFORMATION

14.1	UN Number	This product is not classified for transport.
14.2	UN proper shipping name	-
14.3	Transport hazard classes	-
14.4	Packing group	-
14.5	Environmental hazards	-
14.6	Special Precautions for user	-
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	-

SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
	National regulations	Ensure compliance with all relevant national regulations.
	EU legislation	In accordance with EC Regulation No. 1272/2008
	Guidance	Ensure compliance with all relevant guidance.
	German Water Hazard Class (WGK)	1
15.2	Chemical safety assessment	Not available.

SECTION 16: OTHER INFORMATION

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16.1	General Information	RTECS; HSE EH40; Suppliers' safety data sheets. ECHA Classification & Labelling Inventory
16.2	Hazard statements in full	None

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