



SAFETY DATA SHEET Mattstone H2O

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

APPLICATION	Natural finish floor sealer
SUPPLIER	LTP Tone Industrial Estate Milverton Road Wellington Somerset TA21 0AN Tel: 01823 666213 Fax: 01823 665685
EMERGENCY TELEPHONE	0870 190 6777

2 HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45)	Not classified.	
CLASSIFICATION (EC 1272/2008)	Physical and Chemical Hazards	Not classified.
	Human health	Not classified.
	Environment	Not classified.

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008
Not classified.

PRECAUTIONARY STATEMENTS

P102+405	Store locked up. Keep out of reach of children.
P308+313	IF exposed or concerned: Get medical advice/attention.
P501A	Dispose of contents/container in accordance with local authority requirements.

ENVIRONMENT

The product is not expected to be hazardous to the environment.

HUMAN HEALTH

The hazardous properties of the product are considered limited. May cause minor irritation on skin contact.

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.

3 COMPOSITION/INFORMATION ON INGREDIENTS

ETHANEDIOL	1-5%
CAS-No.: 107-21-1	EC No.: 203-473-3
Classification (EC 1272/2008) Acute Tox. 4 - H302	Classification (67/548/EEC) Xn;R22

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

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INHALATION

If unconscious or breathing is irregular place on their side in the recovery position and ensure their airways are clear. Artificial respiration may be administered by suitably qualified first-aiders if the patient is unconscious or breathing is difficult.

Get immediate medical attention.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Check for contact lenses which must be removed from the eyes before rinsing. Promptly rinse eyes with plenty of clean water while lifting the eyelids. Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination. Get immediate medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials. This product is not flammable.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

SPECIFIC HAZARDS

Fire emits clouds of smoke which may contain toxic vapours, gases and fumes.

PROTECTIVE MEASURES IN FIRE

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away. Fire water run-off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water run-off.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not allow spilled material to enter drains or water courses. Cover all drains and sewers. Avoid spreading spilled material. Contain spillages with sand, earth or suitable absorbent material. Prevent further spillage if safe to do so. In the event of contamination of watercourses or sewers advise the Environment Agency, fire brigade and police.

SPILL CLEAN UP METHODS

Absorb in vermiculite, sand, diatomaceous earth or other absorbent inert material. Place into clearly labelled container for recovery or disposal (see section 13). Rinse site with copious amounts of water, which should not be allowed into drains, sewers or water courses.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid inhalation of vapours.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from: Acids. Oxidising material.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
ETHANEDIOL	WEL	10 mg/m3	104 mg/m3	Sk

WEL = Workplace Exposure Limit.
Sk = Can be absorbed through skin.

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INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient suitable respiratory protection must be provided.
 Seek recommendations and advice from equipment manufacturer or supplier.

HAND PROTECTION

Avoid prolonged or repeated contact, use suitable protective gloves made of Nitrile.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet.
 Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colourless liquid
ODOUR	Slight odour
SOLUBILITY	Miscible with water
BOILING POINT (°C)	100 °C. @ 760mm Hg.
RELATIVE DENSITY	~ 1 @ 15°C
VAPOUR PRESSURE	mbar 37.8°C
VISCOSITY	1.0 - 2.5 cSt @ 25°C

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal conditions of storage and use. See section 7.

CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances.

HAZARDOUS POLYMERISATION

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

In fires or in conditions of excessive heat may give off toxic fumes and gases.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >2000 mg/kg (oral rat)

TOXICOLOGICAL INFORMATION

Health effects of this preparation have not been determined. Data given refer to the major component.

INHALATION

Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.

INGESTION

Not known to be irritating.

SKIN CONTACT

Liquid may irritate skin. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

EYE CONTACT

May cause temporary eye irritation.

ROUTE OF ENTRY

Skin and/or eye contact.

12 ECOLOGICAL INFORMATION

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ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

IC 50, 72 Hrs, ALGAE, mg/l 4.6-10

MOBILITY

The product is miscible with water. May spread in water systems.

BIOACCUMULATION

The product does not contain any substances expected to be bioaccumulating.

DEGRADABILITY

Readily biodegradable.

WATER HAZARD CLASSIFICATION

N/A.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Do not dispose to landfill or in water courses.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL

This product is not Classified as Dangerous under international carriage regulations. (ADR, IATA, IMDG, RID)

No transport warning sign required.

15 REGULATORY INFORMATION

EU DIRECTIVES

EC Regulation 1907/2006 (as amended) : 'REACH'.

EC Regulation 1272/2008 (as amended): CLP (Classification, labelling and packaging of substances and mixtures).

ADR (L'Accord européen relative au transport international des marchandises dangereuses par route.)

Dangerous Substances Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 SI No 716. (CHIP4).

Control of Substances Hazardous to Health Regulations (as amended). (COSHH)

Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007. (CDG 2009)

APPROVED CODE OF PRACTICE

The Control of Substances Hazardous to Health Regulations 2002 (as amended). Approved code of practice and guidance.

Fifth Edition 2005. HSE Books, or download at: <http://www.hse.gov.uk/pubns/priced/l5.pdf>

GUIDANCE NOTES

Workplace Exposure Limits EH40.

Introduction to Local Exhaust Ventilation HS(G)37.

CHIP for everyone HSG(108).

The storage of flammable liquids in containers HSG51 (HSE 1998).

SENSIBLE PRECAUTIONS

Avoid contact with skin or eyes. Wash immediately with plenty of water.

16 OTHER INFORMATION

REVISION COMMENTS

Comprehensive revision.

REVISION DATE 22-AUG-11 - Rev 02: 00898

REV. NO./REPL. SDS 02 replaces 01:00898 dated 10-MAR-11

GENERATED

HAZARD STATEMENTS IN FULL

H302 Harmful if swallowed.

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DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.