

EUROPEAN SAFETY DATA SHEET

SAFETY DATA SHEET

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HumiSeal 1H2O AR1/ S

Revision 5
Revision date 10-Mar-2008

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name HumiSeal 1H2O AR1/ S

Company HumiSeal Europe
Alasan House
Albany Park
Frimley Road
Camberley
Surrey
GU16 7PH
United Kingdom

Telephone +44 (0)127 6691100

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
N-Methyl-2-pyrrolidone (1-Methyl-2-pyrrolidone)	1 - 10%	872-50-4	212-828-1	Xi; R36/38
Dipropylene Glycol Monomethyl ether ((2-methoxymethylethoxy) propanol)	0 - 0.5%	34590-94-8		

3. HAZARDS IDENTIFICATION

Main hazards No Significant Hazard

4. FIRST AID MEASURES

Skin contact Wash off immediately with plenty of soap and water.

Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.

Ingestion DO NOT INDUCE VOMITING. Seek medical attention.

General information Immediate medical attention is required.

5. FIRE FIGHTING MEASURES

Extinguishing media Use as appropriate: carbon dioxide (CO2), dry chemical, foam.

Protective equipment Wear suitable respiratory equipment when necessary.

**Manufactured by: Humiseal Europe,
Alasan House, Albany Park, Frimley Road, Camberley, Surrey, GU16 7PH, England
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6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area.
Environmental precautions	Do not allow product to enter drains.
Clean up methods	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.

7. HANDLING AND STORAGE

Handling	Ensure adequate ventilation of the working area.
Storage	Store in original container. Store at temperatures between 5 °C and 25 °C. Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

N-Methyl-2-pyrrolidone	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m3: 103
(1-Methyl-2-pyrrolidone)	WEL 15 min limit ppm: 75	WEL 15 min limit mg/m3: 309

Dipropylene Glycol Monomethyl ether	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m3: 308
((2-methoxymethylethoxy) propanol)	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -

Respiratory protection	Wear suitable respiratory equipment when necessary. Wear: Suitable respiratory equipment.
Hand protection	Chemical resistant gloves (PVC)
Eye protection	Avoid contact with eyes. In case of splashing, wear: Safety glasses.
Protective equipment	Avoid contact with eyes and skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	White.
Odour	Characteristic.
Boiling point	~ 100°C
Flash point	100°C

10. STABILITY AND REACTIVITY

Stability	Stable.
Conditions to avoid	Do NOT allow to freeze.
Materials to avoid	Strong oxidising agents.
Hazardous decomposition products	Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Repeated or prolonged exposure	Repeated or prolonged exposure may cause dermatitis.
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12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

General information	Can be incinerated if in compliance with local and national regulations.
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14. TRANSPORT INFORMATION

15. REGULATORY INFORMATION

Risk phrases NSH - No Significant Hazard.

Safety phrases S24/25 - Avoid contact with skin and eyes.
S35 - This material and its container must be disposed of in a safe way.
S46 - If swallowed, seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

Text of risk phrases in R36/38 - Irritating to eyes and skin.

Section 2

Further information The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process. Handle and store under inert gas. It is the user's responsibility to be satisfied that the information provided is suitable and complete enough for this materials particular use. This product is not properly labelled for sale or use outside the EU.

Revision This document differs from the previous version in the following areas:
2 - hazardous ingredients.

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