

SAFETY DATA SHEET

HANDISAN FOAM

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

PRODUCT NAME HANDISAN FOAM
SUPPLIER ARROW CLEANING & HYGIENE SOLUTIONS
RAWDON ROAD
MOIRA, SWADLINCOTE
DERBYSHIRE
DE12 6DA
01283 221044
EMERGENCY 0777 8505 330
FAX 01283 225731
e-mail:sales@arrowchem.com

2 HAZARDS IDENTIFICATION

Highly flammable.

CLASSIFICATION (1999/45) F;R11.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
ETHANOL	200-578-6	64-17-5	60-100%	F;R11
M041 2,4,4-TRICHLORO-2-HYDROXY-DIPHENYL ETHER	222-182-2	3380-34-5	0-1%	Xi;R36/38. N;R50/53.

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

Rinse mouth thoroughly. DO NOT induce vomiting. Get medical attention immediately.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Foam, carbon dioxide or dry powder.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Remove sources of ignition. Ventilate well. Absorb with inert, damp, non-combustible material, then flush area with water.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place.

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

HANDISAN FOAM

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
		1000 ppm	1920 mg/m3			
ETHANOL	WEL					

WEL = Workplace Exposure Limit.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Water-white		
ODOUR	Odour of alcohol		
SOLUBILITY	Soluble in water.		
RELATIVE DENSITY	0.889 @25 °c	FLASH POINT (°C)	20 P/M Pensky-Martens.

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

11 TOXICOLOGICAL INFORMATION

MEDICAL SYMPTOMS

EYES AND MUCOUS MEMBRANES. Irritation of eyes and mucous membranes. RESPIRATORY SYSTEM. Upper respiratory irritation. DIGESTIVE SYSTEM. Nausea, vomiting. Dryness of mouth and throat.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	FLAMMABLE LIQUID NOS (ethanol)		
UN NO. ROAD	1993	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	II	TUNNEL RESTRICTION CODE	(D/E)
UN NO. SEA	1993	IMDG CLASS	3
IMDG PACK GR.	II	UN NO. AIR	1993
AIR CLASS	3	AIR PACK GR.	II

15 REGULATORY INFORMATION

LABELLING



Highly Flammable

HANDISAN FOAM

RISK PHRASES

R11 Highly flammable.

SAFETY PHRASES

S9 Keep container in a well-ventilated place.

S16 Keep away from sources of ignition - No smoking.

S35 This material and its container must be disposed of in a safe way.

S7 Keep container tightly closed.

UK REGULATORY REFERENCES

C.H.I.P. The Chemicals (Hazard Information and Packaging for Supply) Regulations The Carriage of Dangerous Goods by Road and Rail Regulations.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

REVISION DATE 06/04/10

RISK PHRASES IN FULL

R11 Highly flammable.

R36/38 Irritating to eyes and skin.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.