

# SAFETY DATA SHEET

## HANDY FOAM

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

**PRODUCT NAME** HANDY FOAM  
**INTERNAL ID** A104  
**SUPPLIER** ARROW CLEANING & HYGIENE SOLUTIONS  
RAWDON ROAD  
MOIRA, SWADLINCOTE  
DERBYSHIRE  
DE12 6DA  
01283 221044  
EMERGENCY 0777 8505 330  
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### 2 HAZARDS IDENTIFICATION

Extremely flammable

**CLASSIFICATION (1999/45)** F+;R12.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
HYDROCARBON PROPELLANT	270-704-2	68476-85-7	10-30%	F+;R12.
PROPAN-2-OL	200-661-7	67-63-0	1-5%	F;R11 Xi;R36 R67
2-BUTOXYETHANOL	203-905-0	111-76-2	1-5%	Xn;R20/21/22 Xi;R36/38
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	265-149-8	64742-47-8	1-5%	Xn;R65. R66.
2-AMINOETHANOL	205-483-3	141-43-5	0-1%	C;R34 Xn;R20/21/22
DICHLOROPHEN (ISO)	202-567-1	97-23-4	0-1%	Xn;R22 Xi;R36 N;R50/53
SODIUM HYDROXIDE	215-185-5	1310-73-2	0-1%	C;R35

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

#### COMPOSITION COMMENTS

Aerosol propelled by liquefied petroleum gas.

### 4 FIRST-AID MEASURES

#### INHALATION

Provide rest, warmth and fresh air.

#### INGESTION

Rinse mouth thoroughly. Get medical attention if any discomfort continues.

#### SKIN CONTACT

Wash skin thoroughly with soap and water. Use suitable lotion to moisturise skin.

#### 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

Foam, carbon dioxide or dry powder.

#### SPECIAL FIRE FIGHTING PROCEDURES

Breathing apparatus should be worn if exposure to fumes is likely. Use water to keep fire exposed containers cool and disperse vapours.

# HANDY FOAM

## UNUSUAL FIRE & EXPLOSION HAZARDS

Possible risk of can rupture when exposed to fire\high temps. Contents of aerosol will add to fuelling of fire. Solvent vapours may form explosive mixtures with air.

## 6 ACCIDENTAL RELEASE MEASURES

### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb material from ruptured or leaking containers onto an inert material. Transfer to suitable container for subsequent disposal.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. CAUTION. Pressurised container. Do not expose to temperatures exceeding 50°C Do not puncture or incinerate even when empty. Do not spray onto naked flame or incandescent material.

### STORAGE PRECAUTIONS

Store in a cool dry place away from all sources of heat including direct sunlight.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
2-AMINOETHANOL	WEL	3 ppm	7.6 mg/m <sup>3</sup>	6 ppm	15 mg/m <sup>3</sup>	
2-BUTOXYETHANOL	WEL	25	123 mg/m <sup>3</sup>			
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	WEL		1000 mg/m <sup>3</sup>			
HYDROCARBON PROPELLANT	WEL	600 ppm	1430 mg/m <sup>3</sup>	750 ppm	1780 mg/m <sup>3</sup>	
PROPAN-2-OL	WEL	400 ppm	999 mg/m <sup>3</sup>	500 ppm	1250 mg/m <sup>3</sup>	
SODIUM HYDROXIDE	WEL				2 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

Aerosol

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

### MATERIALS TO AVOID

Strong oxidising substances.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures create: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

High concentrations of vapour may cause dizziness, nausea and headaches

### INGESTION

May cause irritation of mouth, respiratory tract and intestinal system.

### SKIN CONTACT

Prolonged or repeated exposure may cause severe irritation.

### EYE CONTACT

May cause mild irritation or discomfort.

## 12 ECOLOGICAL INFORMATION

# HANDY FOAM

## ECOTOXICITY

Not regarded as dangerous for the environment.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Do not puncture or incinerate even when empty. Dispose of in accordance with local authority requirements.

## 14 TRANSPORT INFORMATION

UN NO. ROAD	1950	ADR CLASS	Class 2.1: Flammable gases.
UN NO. SEA	1950	UN NO. AIR	1950

## 15 REGULATORY INFORMATION

### LABELLING



Extremely Flammable

### RISK PHRASES

R12 Extremely flammable.

### SAFETY PHRASES

S9 Keep container in a well-ventilated place.  
S16 Keep away from sources of ignition - No smoking.  
S23 Do not breathe vapour/spray.  
S35 This material and its container must be disposed of in a safe way.  
S51 Use only in well-ventilated areas.

### DETERGENT LABELLING

5 - < 15% Aliphatic hydrocarbons  
< 5% Anionic surfactants  
Perfumes  
Contains DICHLOROPHEN, 1,2-BENZOISOTHIAZOL-3(2H)-ONE

### UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations. The Carriage of Dangerous Goods by Road and Rail Regulations.

### EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC.

### GUIDANCE NOTES

Workplace Exposure Limits EH40.

## 16 OTHER INFORMATION

REVISION DATE 18/01/2010

SDS NO. A5104

DATE 04/11/10

### RISK PHRASES IN FULL

R34 Causes burns.  
R35 Causes severe burns.  
R12 Extremely flammable.  
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
R22 Harmful if swallowed.  
R65 Harmful: may cause lung damage if swallowed.  
R11 Highly flammable.  
R36/38 Irritating to eyes and skin.  
R36 Irritating to eyes.  
R37 Irritating to respiratory system.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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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.