

# SAFETY DATA SHEET

## CLO-TABS

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

**PRODUCT NAME** CLO-TABS  
**INTERNAL ID** C052  
**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

Harmful if swallowed. Irritating to eyes and respiratory system. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Contact with acids liberates toxic gas.

**CLASSIFICATION** Xn;R22. Xi;R36/37. N;R50/53. R31.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
TROCLOSENE SODIUM	220-767-7	2893-78-9	30-60%	O;R8 Xn;R22 Xi;R36/37 R31 N;R50/53
ADIPIC ACID	204-673-3	124-04-9	10-30%	Xi;R36

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.

**SKIN CONTACT**

Rinse the skin immediately with lots of water. Get medical attention if irritation persists after washing.

**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**

This product is not flammable.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

May develop highly toxic or corrosive fumes if heated.

### 6 ACCIDENTAL RELEASE MEASURES

**SPILL CLEAN UP METHODS**

Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container. Collect spillage with shovel, broom or the like and reuse, if possible. Flush contaminated area with plenty of water.

### 7 HANDLING AND STORAGE

# CLO-TABS

## USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid acids, moisture, and combustible materials.

## STORAGE PRECAUTIONS

Oxidising material - Keep away from flammable and combustible materials. Store in tightly closed original container in a dry and cool place.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
CLO-TABS		1.50 mg/m3	3.00 mg/m3	

## PROTECTIVE EQUIPMENT



## HAND PROTECTION

Chemical resistant gloves required for prolonged or repeated contact.

## EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Granular		
COLOUR	White		
ODOUR	Chlorine.		
SOLUBILITY	Soluble in water		
BULK DENSITY	0.90	pH-VALUE, DILUTED SOLUTION	6.0 @ 1.0 %
DECOMPOSITION TEMPERATURE (°C)	240	SOLUBILITY VALUE (g/100g H <sub>2</sub> O@20°C)	29.00

## 10 STABILITY AND REACTIVITY

### MATERIALS TO AVOID

Acids, oxidising. Acids - organic. Acids, non-oxidising.

## 11 TOXICOLOGICAL INFORMATION

### MEDICAL SYMPTOMS

**EYES AND MUCOUS MEMBRANES.** Extreme irritation of eyes and mucous membranes, including burning and tearing. **NOSE.** Irritation of nose due to vapour or dust contact. Burning sensation in mouth. **RESPIRATORY SYSTEM.** Upper respiratory irritation. **SKIN.** Severe skin irritation. **DIGESTIVE SYSTEM.** Gastrointestinal symptoms, including upset stomach. Nausea, vomiting. Severe abdominal pain.

## 12 ECOLOGICAL INFORMATION

### DEGRADABILITY

The product is biodegradable.

### ACUTE FISH TOXICITY

Very toxic to aquatic organisms.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

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

## 14 TRANSPORT INFORMATION

**PROPER SHIPPING NAME** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(troclosine sodium)

# CLO-TABS

UN NO. ROAD	3077	UK ROAD PACK GR.	III
ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.	TUNNEL RESTRICTION CODE	(E)
IMDG CLASS	9	IMDG PACK GR.	III

## 15 REGULATORY INFORMATION

### LABELLING



Harmful



Dangerous for the environment

### CONTAINS

TROCLOSENE SODIUM

### RISK PHRASES

R22	Harmful if swallowed.
R31	Contact with acids liberates toxic gas.
R36/37	Irritating to eyes and respiratory system.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### SAFETY PHRASES

S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S35	This material and its container must be disposed of in a safe way.
S51	Use only in well-ventilated areas.
S57	Use appropriate containment to avoid environmental contamination.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

### 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.

### APPROVED CODE OF PRACTICE

The Control of Substances Hazardous to Health

### GUIDANCE NOTES

Occupational Exposure Limits EH40

## 16 OTHER INFORMATION

### GENERAL INFORMATION

Only trained personnel should use this material.

REVISION DATE 08/02/10

### RISK PHRASES IN FULL

R22	Harmful if swallowed.
R31	Contact with acids liberates toxic gas.
R36	Irritating to eyes.
R36/37	Irritating to eyes and respiratory system.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R8	Contact with combustible material may cause fire.

### 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.