

EMERGENCY NUMBER
01865 407333

MATERIAL SAFETY DATA SHEET

Product Name: Lo-Chlor Stainaway

Revision Date: 22nd September 2011

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Lo-Chlor Stainaway - Scale eliminator for swimming pools and spas.

Details of the supplier of the safety data sheets

Company : SIS Chemicals Ltd , 22 Whitefield Road, New Milton
Hampshire. BH25 6DF
Telephone : 01425 621021
Fax : 01425 618191
Email : sales@sischem.co.uk

Emergency telephone number

Emergency telephone : Emergency only telephone number (open 24 hours):
Number 01865 407333 (N.C.E.C. Culham)

2. HAZARDS IDENTIFICATION

Hazard description:

Not applicable

Information concerning particular hazards for human and environment:

The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Description :

An aqueous solution of acrylic polymers.

Dangerous components: Void

Additional information: For the wording of the listed risk phrases refer to Section 16.

4. FIRST AID MEASURES

General information:

No special measures required.

After inhalation:

Supply fresh air, consult doctor in case of complaints.

After skin contact:

Immediately rinse with water.

After eye contact:

Check for and remove any contact lenses

Rinse opened eye for several minutes under running water. Then consult a doctor.

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After swallowing:

Rinse out mouth and then drink plenty of water

Call for a doctor immediately.

Information for doctor: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

Protective equipment:

Wear fully protective suit.

Wear self-contained respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions :

Ensure adequate ventilation

Measures for environmental protection:

Do not allow to penetrate the ground/soil

Measures for cleaning/ collecting:

Absorb with liquid-binding material (sand, diatomite, acid binder, universal binders and sawdust)

Send for recovery or disposal in suitable receptacles.

Additional information: No dangerous substances are released.

7. HANDLING AND STORAGE

Handling:

Information for safe handling:

Ensure good ventilation / exhaustion at the workplace

Information about fire – and explosion protection:

No special measures required

Storage:

Requirements to be met by storerooms and receptacles:

Prevent any seepage into the ground

Information about storage in one common storage facility

Store away from oxidizing agents

Store away from foodstuffs

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles

Protect from frost

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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Additional information: The lists valid during the making were used as basis.

Personal protective equipment:

Select PPE appropriate for the operations taking place taking into account the product properties.

General protective and hygienic measures:

Do not eat, drink, smoke or sniff while working
Wash hands before breaks and at the end of work
Avoid contact with the eyes and skin
Avoid close or long term contact with the skin

Respiratory protection: Not required

Protection of hands :

The glove material has to be impermeable and resistant to the product / the substance / the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective glove and has to be observed.

Eye protection:

Safety glasses
Goggles recommended during refilling

Body protection:

Protective work clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information	
Form:	Fluid
Colour:	Light yellow
Odour:	Mild
Change in condition	
Melting point / Melting range:	Undetermined
Boiling point / Boiling range :	100°C
Flash point :	Not applicable
Self-igniting:	Product is not self-igniting
Danger of explosion:	Product does not present an explosion hazard
Vapour pressure at 20°C:	23 hPa
Density at 20°C:	1.15 g/cm ³
Solubility in / Miscibility with water:	Fully miscible

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10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications

Material to be avoided: Strong oxidizing agents

Dangerous reactions: No dangerous reaction known

Dangerous decomposition products: Carbon monoxide and carbon dioxide

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Primary irritant effect:

on the skin: No irritant effect

on the eyes: No irritating effect

Sensitization : No sensitization effects known

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guideline for Preparations as issued in the latest version:

When used and handled according to specifications, the product does not have any harmful effects to our experience and information provided to us.

12. ECOLOGICAL INFORMATION

Behaviour in environmental systems:

Mobility and bioaccumulation potential: Product is not expected to bioaccumulate

General notes:

Generally not hazardous for water.

13. DISPOSAL CONSIDERATIONS

Product

Recommendation

Contact waste processors for recycling information

Used, degraded or contaminated product may be classified as hazardous waste.

Anyone classifying hazardous waste and determining its fate must be qualified with state and international legislation.

European waste catalogue

Waste key numbers in accordance with the European Waste Catalogue (EWC) are origin-referred defined. Since this product is used in several industries, no waste key can be provided by the supplier. The waste key number should be determined in arrangement with your waste disposal partner or the responsible authority.

Uncleaned packaging

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

14. TRANSPORT INFORMATION

Land transport ADR/RID (cross border)

ADR/RID class: -

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EMERGENCY NUMBER**01865 407333****MATERIAL SAFETY DATA SHEET****Product Name: Lo-Chlor Stainaway****Revision Date: 22nd September 2011****Maritime transport IMDG:****IMDG class:****Marine pollutant:** No**Air transport ICAO-TI and IATA-DGR:****ICAO/IATA Class:** -**Transport/ Additional information:** Not dangerous according to the above specifications**15. REGULATORY INFORMATION****Labeling according to EU guidelines**

Observe the general safety regulations when handling chemicals

The product is not subject to identification regulations under EU Directives / Ordinance on Hazardous Materials (German GefStoffV).

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.