

# SAFETY DATA SHEET

## System Hygiene - LIME DISINFECTANT

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

**PRODUCT NAME** System Hygiene - LIME DISINFECTANT  
**PRODUCT NO.** DIS145  
**APPLICATION** Neutral, Quaternary Ammonium based Disinfectant.  
**SUPPLIER** System Hygiene Ltd  
 Altham Business Park  
 Accrington  
 Lancashire  
 BB5 5YT  
 Tel: 01282 777 999  
 Fax: 01282 777 900  
 E-Mail: sales@systemhygiene.co.uk  
**EMERGENCY TELEPHONE** System Hygiene - 01282 777 999 - 8.00am to 5.30pm - Mon to Fri

### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	270-325-2	68424-85-1	0-1%	Xn;R21/22. C;R34. N;R50.
C12-15 ALCOHOL ETHOXYLATE (7EO)		68131-39-5	0-1%	Xn;R22. Xi;R41. N;R50.

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

#### COMPOSITION COMMENTS

The ingredients are present in non-hazardous concentrations.

### 4 FIRST-AID MEASURES

#### INHALATION

Not relevant. Inhalation unlikely.

#### INGESTION

DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

#### SKIN CONTACT

Wash skin with soap and water.

#### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

#### SPECIFIC HAZARDS

By heating and fire, harmful vapours/gases may be formed.

#### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

No special protective clothing. (See Sec 8)

## System Hygiene - LIME DISINFECTANT

### ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### SPILL CLEAN UP METHODS

Small quantities may be flushed to drains with plenty of water. Large Spillages Pick up with vacuum or absorbent solid, store in closed container for disposal.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

No specific usage precautions noted.

### STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from Oxidising material.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING MEASURES

Not relevant.

### RESPIRATORY EQUIPMENT

Respiratory protection not required.

### HAND PROTECTION

No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin.

### EYE PROTECTION

None required.

### OTHER PROTECTION

None required.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Liquid		
<b>COLOUR</b>	Clear Green		
<b>ODOUR</b>	Citrus.		
<b>SOLUBILITY</b>	Soluble in water		
<b>BOILING POINT (°C)</b>	100 760 mm Hg	<b>MELTING POINT (°C)</b>	0
<b>RELATIVE DENSITY</b>	1.000 @ 20 °c	<b>pH-VALUE, CONC. SOLUTION</b>	7.50
<b>FLASH POINT (°C)</b>	Boils without flashing		

## 10 STABILITY AND REACTIVITY

### STABILITY

No particular stability concerns.

### MATERIALS TO AVOID

No incompatible groups noted.

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

Refer to section 2.

### Other Health Effects

Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous for the environment.

**System Hygiene - LIME DISINFECTANT****LC 50, 96 Hrs, FISH mg/l**

Alkyl Dimethyl Benzyl Ammonium Chloride [CAS N°68424- 85-1] (Rainbow Trout) 0.85 mg/l &amp; C12-15 Alcohol Ethoxylate (7EO) [CAS N°68131 -39-5] (Rainbow Trout ) 1.8mg/l

**BIOACCUMULATION**

The product does not contain any substances expected to be bioaccumulating.

**DEGRADABILITY**

Surfactant is readily broken down by effluent treatment process.

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.

**14 TRANSPORT INFORMATION****GENERAL**

Not classified for Transport.

**15 REGULATORY INFORMATION****RISK PHRASES**

NC Not classified.

**SAFETY PHRASES**

S2 Keep out of the reach of children

S46 If swallowed, seek medical advice immediately and show this container or label.

**ENVIRONMENTAL LISTING**

Hazardous Waste (England and Wales) Regulations.

**EU DIRECTIVES**

System of specific information relating to Dangerous Preparations. 2001/58/EC. As amended by Directive 93/112/EC, 2001/58/EC and 2006/8/EC.

**STATUTORY INSTRUMENTS**

Chemicals (Hazard Information and Packaging) Regulations. 2008

**APPROVED CODE OF PRACTICE**

The compilation of safety Data Sheets L130.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40. Approved guide to the Classification and Labelling of Substances and Preparations Dangerous for Supply. L100

**16 OTHER INFORMATION****INFORMATION SOURCES**

Approved Supply List - HSC (Health &amp; Safety Commission) Material Safety Data Sheet, Misc. manufacturers.

**REVISION COMMENTS**

Safety Data sheet reviewed under CHIP 2008 [2nd ATP to Dangerous Preparations Directive 2006/8/EC] no change in product classification (Changes to sections 12 &amp; 16.) plus Changes required for REACH (additions to Section 1 and change of order of sections 2 and 3).

**REVISION DATE** 10/03/09**REV. NO./REPL. SDS GENERATED** Issue 2**RISK PHRASES IN FULL**

R21/22 Harmful in contact with skin and if swallowed.

R22 Harmful if swallowed.

R34 Causes burns.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.