

# SAFETY DATA SHEET LIME DISINFECTANT

According to Regulation (EU) No 453/2010

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name LIME DISINFECTANT  
Product No. DISLIME

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Disinfectant.

### 1.3. Details of the supplier of the safety data sheet

Supplier Kitchenmaster NI Ltd  
11 Comber Road  
Belfast  
BT8 8AN  
Tel. 028 90814777  
Fax. 028 90812881  
email: sds@kitchenmaster-ni.com

### 1.4. Emergency telephone number

028 9081 4777  
08:30 - 17:00 Monday to Thursday  
08:30 - 16:30 Friday

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Not classified.

#### Human health

See section 11 for additional information on health hazards.

#### Environment

The product contains a substance which is very toxic to aquatic organisms.

### 2.2. Label elements

#### Risk Phrases

NC Not classified.

#### Safety Phrases

NC Not classified.

### 2.3. Other hazards

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

ALCOHOL ETHOXYLATE-7 MOLE	< 1
CAS-No.: 68131-39-5	EC No.:
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R22. Xi;R41. N;R50.

# LIME DISINFECTANT

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE		< 1
CAS-No.: 68989-00-4	EC No.:	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Corr. 1B - H314 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R22. C;R34. N;R50.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### **Inhalation**

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

#### **Ingestion**

Remove victim immediately from source of exposure. Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

#### **Skin contact**

Remove victim immediately from source of exposure. Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if any discomfort continues.

#### **Eye contact**

Remove victim immediately from source of exposure. Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention if any discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

#### **Inhalation.**

No specific symptoms noted.

#### **Ingestion**

May cause discomfort if swallowed. May cause stomach pain or vomiting.

#### **Skin contact**

Prolonged skin contact may cause redness and irritation.

#### **Eye contact**

May irritate eyes.

### 4.3. Indication of any immediate medical attention and special treatment needed

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### **Extinguishing media**

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

#### **Unsuitable extinguishing media**

Not relevant

### 5.2. Special hazards arising from the substance or mixture

#### **Hazardous combustion products**

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

#### **Unusual Fire & Explosion Hazards**

No unusual fire or explosion hazards noted.

#### **Specific hazards**

In case of fire, toxic gases may be formed.

### 5.3. Advice for firefighters

#### **Special Fire Fighting Procedures**

No specific fire fighting procedure given.

#### **Protective equipment for fire-fighters**

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

## SECTION 6: ACCIDENTAL RELEASE MEASURES

# LIME DISINFECTANT

## **6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet.

## **6.2. Environmental precautions**

The product is not expected to be hazardous to the environment.

## **6.3. Methods and material for containment and cleaning up**

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers.

## **6.4. Reference to other sections**

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Read and follow manufacturer's recommendations. Avoid spilling, skin and eye contact. Wash hands after handling.

### **7.2. Conditions for safe storage, including any incompatibilities**

Store in tightly closed original container in a dry, cool and well-ventilated place.

### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

#### **Ingredient Comments**

No exposure limits noted for ingredient(s).

### **8.2. Exposure controls**

#### **Protective equipment**



#### **Engineering measures**

Provide adequate ventilation.

#### **Respiratory equipment**

If ventilation is insufficient, suitable respiratory protection must be provided.

#### **Hand protection**

For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

#### **Eye protection**

Wear approved, tight fitting safety glasses where splashing is probable.

#### **Hygiene measures**

Wash hands after contact. Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Liquid
<b>Colour</b>	Green.
<b>Odour</b>	Characteristic.
<b>Solubility</b>	Soluble in water.

### **9.2. Other information**

Not determined.

## **SECTION 10: STABILITY AND REACTIVITY**

# LIME DISINFECTANT

## 10.1. Reactivity

There are no known reactivity hazards associated with this product.

## 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

## 10.3. Possibility of hazardous reactions

### **Hazardous Polymerisation**

Not relevant

## 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

## 10.5. Incompatible materials

### **Materials To Avoid**

No incompatible groups noted.

## 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### **Inhalation**

Spray mists may cause respiratory tract irritation.

#### **Ingestion**

May cause discomfort if swallowed. May cause stomach pain or vomiting.

#### **Skin contact**

Prolonged and frequent contact may cause redness and irritation.

#### **Eye contact**

Splashes may irritate.

#### Toxicological information on ingredients.

#### ALCOHOL ETHOXYLATE-7 MOLE (CAS: 68131-39-5)

##### Acute toxicity:

##### **Acute Toxicity (Oral LD50)**

> 5000 mg/kg Rat

REACH dossier information

##### **Acute Toxicity (Dermal LD50)**

> 2000 mg/kg Rat

REACH dossier information

##### **Acute Toxicity (Inhalation LC50)**

> 1.6 mg/l (dust/mist) Rat 4 hours

REACH dossier information

#### ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (CAS: 68989-00-4)

##### Acute toxicity:

##### **Acute Toxicity (Oral LD50)**

400 mg/kg Rat

IUCLID chemical data sheet.

## SECTION 12: ECOLOGICAL INFORMATION

### **Ecotoxicity**

The product contains a substance which is very toxic to aquatic organisms.

### 12.1. Toxicity

# LIME DISINFECTANT

## Ecological information on ingredients.

### ALCOHOL ETHOXYLATE-7 MOLE (CAS: 68131-39-5)

#### **Acute Toxicity - Fish**

LC50 96 hours 0.59 mg/l Pleuronectes platessa

REACH dossier information

#### **Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 0.14 mg/l Daphnia magna

REACH dossier information

#### **Acute Toxicity - Aquatic Plants**

EC50 72 hours 0.75 mg/l Selenastrum capricornutum

REACH dossier information

### ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (CAS: 68989-00-4)

#### **Acute Toxicity - Fish**

NOEC 96 hours 0.01 mg/l Carassius auratus (Goldfish)

IUCLID chemical data sheet.

## **12.2. Persistence and degradability**

### **Degradability**

There are no data on the degradability of this product.

## Ecological information on ingredients.

### ALCOHOL ETHOXYLATE-7 MOLE (CAS: 68131-39-5)

#### **Biodegradation**

Activated sludge Degradation (72%) 28 days

REACH dossier information

The substance is readily biodegradable.

## **12.3. Bioaccumulative potential**

### **Bioaccumulative potential**

No data available on bioaccumulation.

## Ecological information on ingredients.

### ALCOHOL ETHOXYLATE-7 MOLE (CAS: 68131-39-5)

#### **Bioaccumulation factor**

BCF 12.7 Pimephales promelas (Fat-head Minnow)

REACH dossier information

## **12.4. Mobility in soil**

### **Mobility:**

The product is soluble in water.

## **12.5. Results of PBT and vPvB assessment**

Not determined.

## **12.6. Other adverse effects**

Not determined.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

## **SECTION 14: TRANSPORT INFORMATION**

### **General**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### **14.1. UN number**

Not applicable.

# LIME DISINFECTANT

## 14.2. UN proper shipping name

Not applicable.

## 14.3. Transport hazard class(es)

Not applicable.

## 14.4. Packing group

Not applicable.

## 14.5. Environmental hazards

**Environmentally Hazardous Substance/Marine Pollutant**

No.

## 14.6. Special precautions for user

Not applicable.

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### **Statutory Instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

#### **Approved Code Of Practice**

Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### **Guidance Notes**

Workplace Exposure Limits EH40.

#### **EU Legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

#### **Revision Comments**

Re-issued according to Regulation (EU) No 453/2010.

**Revision Date** 05-2012

**Revision** 1

**Supersedes date** 07-2008

#### **Risk Phrases In Full**

R34 Causes burns.  
R22 Harmful if swallowed.  
NC Not classified.  
R41 Risk of serious damage to eyes.  
R50 Very toxic to aquatic organisms.

#### **Hazard Statements In Full**

H318 Causes serious eye damage.  
H314 Causes severe skin burns and eye damage.  
H302 Harmful if swallowed.  
H400 Very toxic to aquatic life.