



## SAFETY DATA SHEET

### Ice Eater

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

PRODUCT NAME Ice Eater

PRODUCT NO. 109

SUPPLIER Autosmart International Ltd  
Lynn Lane,  
Shenstone, nr Lichfield  
Staffordshire. WS14 0DH  
England  
www.autosmartinternational.com  
Tel: +44 (0) 1543 481616 (09:00 - 17:00)  
Fax: +44 (0) 1543 481549 (09:00 - 17:00)  
info@autosmartinternational.com

EMERGENCY TELEPHONE Mob: +44 (0) 7808 971321 (24hrs)  
Tel: +44 (0) 1543 481616 (09:00 - 17:00)  
Fax: +44 (0) 1543 481549 (09:00 - 17:00)

#### 2 HAZARDS IDENTIFICATION

Irritating to eyes.

CLASSIFICATION (1999/45) Xi;R36.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
CALCIUM CHLORIDE	233-140-8	10043-52-4	60-100%	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. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

##### INGESTION

Remove victim immediately from source of exposure. Rinse mouth thoroughly. Drink plenty of water. Get medical attention.

##### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Rinse the skin immediately with lots of water. Use suitable lotion to moisturise skin. 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 and get medical attention. Make sure to remove any contact lenses from the eyes before rinsing.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

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

##### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

##### SPECIFIC HAZARDS

When heated and in case of fire, toxic vapours/gases may be formed. Hydrogen chloride (HCl).

#### 6 ACCIDENTAL RELEASE MEASURES

## Ice Eater

### PERSONAL PRECAUTIONS

For personal protection, see section 8.

### SPILL CLEAN UP METHODS

Collect in containers and seal securely. Wear necessary protective equipment. Small Spillages: Flush to sewer if local regulations permit.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid inhalation of dust.

### STORAGE PRECAUTIONS

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

### STORAGE CLASS

Chemical storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT



### PROCESS CONDITIONS

Provide eyewash station.

### ENGINEERING MEASURES

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists. Dust mask/respirator.

### HAND PROTECTION

Use 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 chemical safety goggles where eye exposure is reasonably probable.

### OTHER PROTECTION

Provide eyewash station.

### HYGIENE MEASURES

**DO NOT SMOKE IN WORK AREA!** Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Pellets		
COLOUR	White		
ODOUR	Odourless		
SOLUBILITY	Soluble in water. Miscible with water		
MOL. WEIGHT	110.99	BOILING POINT (°C)	1670
MELTING POINT (°C)	772	RELATIVE DENSITY	2.152 @ 20 °c
BULK DENSITY	600 kg/m <sup>3</sup>	pH-VALUE, DILUTED SOLUTION	10.0 @ 10%
REFRACTIVE INDEX	1.52	VOLATILE ORGANIC COMPOUND (VOC)	0 g/litre

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions. Decomposes at 200°C liberating fumes which form explosive mixtures with air.

### CONDITIONS TO AVOID

Reacts strongly with strong acids, bases, organic chemicals and certain metal combinations.

### HAZARDOUS POLYMERISATION

May polymerise.

**Ice Eater****POLYMERISATION DESCRIPTION**

Avoid alkalis, strong acids and heat.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Hydrogen chloride (HCl).

**11 TOXICOLOGICAL INFORMATION****GENERAL INFORMATION**

This product has low toxicity. Only large volumes may have adverse impact on human health.

**INHALATION**

Dust in high concentrations may irritate the respiratory system.

**INGESTION**

May cause discomfort if swallowed. Diarrhoea. Nausea, vomiting.

**SKIN CONTACT**

May cause defatting of the skin, but is not an irritant. Not a skin sensitiser.

**EYE CONTACT**

Irritating to eyes.

**HEALTH WARNINGS**

EYE CONTACT. Irritating to eyes.

**ROUTE OF ENTRY**

Inhalation. Ingestion.

**MEDICAL SYMPTOMS**

EYES AND MUCOUS MEMBRANES. Irritation of eyes and mucous membranes.

Name	CALCIUM CHLORIDE
Toxic Dose 1 - LD 50	1000 mg/kg (oral rat)
Toxic Dose 2 - LD 50	42 mg/kg (ivn-mouse)

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Not regarded as dangerous for the environment. The product is not expected to be hazardous to waste water treatment processes.

**WATER HAZARD CLASSIFICATION****WGK 1**

Name	CALCIUM CHLORIDE
IC 50, 72 Hrs, ALGAE, mg/l	3130
Mobility	
The product is water soluble and may spread in water systems.	
Bioaccumulation potential	
The product is not bioaccumulating.	
Degradability	
The product is not biodegradable.	

**13 DISPOSAL CONSIDERATIONS****GENERAL INFORMATION**

The packaging must be empty (drop-free, when inverted)

**DISPOSAL METHODS**

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

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

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

No transport warning sign required.

**15 REGULATORY INFORMATION****LABELLING**

**Ice Eater**

Irritant

**RISK PHRASES**

R36 Irritating to eyes.

**SAFETY PHRASES**

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S22 Do not breathe dust.

S35 This material and its container must be disposed of in a safe way.

**EU DIRECTIVES**

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**STATUTORY INSTRUMENTS**

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

**APPROVED CODE OF PRACTICE**

Safety Data Sheets for Substances and Preparations.

**NATIONAL REGULATIONS**

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

## 16 OTHER INFORMATION

**GENERAL INFORMATION**

Only trained personnel should use this material.

**REVISION COMMENTS**

NOTE: Lines within the margin indicate significant changes from the previous revision.

REVISION DATE 20/12/2010

REV. NO./REPL. SDS GENERATED 2

**RISK PHRASES IN FULL**

R36 Irritating to eyes.

**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.