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# ReAgent

## L-ASCORBIC ACID LRG MSDS

According to Regulation (EC) No 1907/2006

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

PRODUCT NAME	L-ASCORBIC ACID LRG
CAS-No.	50-81-7
EU INDEX NO.	000-000-00-0
EC No.	200-066-2
SUPPLIER	Reagent Chemical Services 18 Aston Fields Road Whitehouse Industrial Estate Runcorn Cheshire WA7 3DL T: 01928 716903 F: 01928 716425 E: info@reagent.co.uk
PRODUCT NO.	1508
APPLICATION	General chemical reagent
EMERGENCY TELEPHONE	Emergency Telephone : +44 (0) 1928 716903 Between 08.30 - 17.00

### 2 HAZARDS IDENTIFICATION

Not regarded as a health hazard under current legislation.

CLASSIFICATION (67/548) -

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

EU INDEX NO.	000-000-00-0
EC No.	200-066-2
CAS-No.	50-81-7

### 4 FIRST-AID MEASURES

#### INHALATION

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. In case of severe exposure or if any discomfort continues get medical attention.

#### INGESTION

Rinse mouth thoroughly with water Do not induce vomiting. If casualty has ingested large amounts or if discomfort continues wash mouth thoroughly and obtain medical attention.

#### SKIN CONTACT

As a general precaution remove contaminated clothing and wash the skin with soap and water. Get medical attention if any discomfort continues.

#### EYE CONTACT

Promptly wash eyes with plenty of water or eye wash solution while lifting the eyelids.If possible remove any contact lenses and continue to wash. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Combustible. Use fire-extinguishing media appropriate for surrounding materials.

#### 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

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

**L-ASCORBIC ACID LRG****SPILL CLEAN UP METHODS**

Avoid dust formation. Collect with scoop or shovel if possible to do so safely, otherwise mix with sand or other inert material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Wash thoroughly after dealing with a spillage.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Avoid inhalation of dust and contact with skin and eyes.

**STORAGE PRECAUTIONS**

Store in closed original container at temperatures between 15°C and 25°C. Store away from direct sunlight and moisture

**STORAGE CLASS**

Chemical storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION****ENGINEERING MEASURES**

Provide adequate ventilation and appropriate extraction to avoid occupational exposure. If dusts are generated then work in a fume cupboard

**RESPIRATORY EQUIPMENT**

Wear suitable dust respirator if dusts are generated and there is insufficient ventilation or extraction.

**HAND PROTECTION**

Wear protective gloves. Rubber or plastic

**EYE PROTECTION**

Wear approved safety goggles.

**OTHER PROTECTION**

Wear suitable protective clothing as protection against splashing or contamination. Provide eyewash station and safety shower. If there is a risk of splashing then wear a face shield.

**HYGIENE MEASURES**

Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Solid		
COLOUR	White		
ODOUR	Odourless		
SOLUBILITY	Very soluble in water.		
MELTING POINT (°C)	192	RELATIVE DENSITY	Approx. 1.65
pH-VALUE, DILUTED SOLUTION	About 2.2 5%	SOLUBILITY VALUE (g/100g H <sub>2</sub> O@20°C)	33

**10 STABILITY AND REACTIVITY****STABILITY**

Air and light sensitive.

**MATERIALS TO AVOID**

Strong oxidising substances.

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50 11900 mg/kg (oral rat)

**INHALATION**

Dust in high concentrations may irritate the respiratory system.

**INGESTION**

Nausea, vomiting.

**SKIN CONTACT**

May cause slight irritation on prolonged contact.

**EYE CONTACT**

Irritating to eyes.

**12 ECOLOGICAL INFORMATION**

**L-ASCORBIC ACID LRG**

## ECOTOXICITY

Although not classified as environmentally hazardous, harmful effects cannot be excluded in the event of improper handling or disposal.

**13 DISPOSAL CONSIDERATIONS**

## 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**

## RISK PHRASES

NC Not classified.

## SAFETY PHRASES

NC Not classified.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

## APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. COSHH essentials: Easy steps to control chemicals. Control of Substances Hazardous to Health Regulations.

## GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

## NATIONAL REGULATIONS

Control of Substances Hazardous to Health Regulations 2002 (as amended)

**16 OTHER INFORMATION**

## GENERAL INFORMATION

Under REACH Material Safety Datasheets (MSDS) are referred to as Safety Datasheets (SDS).

## REVISION COMMENTS

General rewrite

REVISION DATE 08/01/2009

REV. NO./REPL. SDS GENERATED 1

SDS NO. 20448

## SAFETY DATA SHEET STATUS

Approved.