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ReAgent

EDTA DISODIUM SALT LRG MSDS

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

PRODUCT NAME	EDTA DISODIUM SALT LRG
CAS-No.	6381-92-6
EU INDEX NO.	000-000-00-0
EC No.	205-358-3
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.	1724
APPLICATION	General chemical reagent

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.	205-358-3
CAS-No.	6381-92-6

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. If casualty has ingested large amounts or if discomfort continues wash mouth thoroughly and obtain medical attention.

SKIN CONTACT

Remove contaminated clothing and wash before re - use. Wash the skin immediately with soap and water. In serious cases or if discomfort continues after slight contact obtain medical attention.

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. Water spray, foam, dry powder or carbon dioxide.

SPECIFIC HAZARDS

In case of fire, toxic gases may be formed. Oxides of: Nitrogen.

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.

EDTA DISODIUM SALT LRG**SPILL CLEAN UP METHODS**

Avoid dust formation. Small Spillages: Carefully remove with scoop or shovel if safe to do so and transfer to waste containers. Large Spillages: Dam and contain spillage with sand, earth or other inert material. 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. 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 spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place.

STORAGE CLASS

Chemical storage.

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

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit (WEL) is not exceeded.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator.

HAND PROTECTION

Wear protective gloves. Rubber or plastic.

EYE PROTECTION

Wear safety glasses. Use tight fitting goggles if dust is generated.

OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination. Provide eyewash station and safety shower.

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 Powder		
COLOUR	White		
ODOUR	Odourless		
MELTING POINT (°C)	244-246	BULK DENSITY	Approx. 0.4 - 0.5 g/ml
pH-VALUE, DILUTED SOLUTION	4 - 5 5% (50 g/l)	SOLUBILITY VALUE (g/100g H ₂ O@20°C)	10

10 STABILITY AND REACTIVITY**STABILITY**

Stable.

CONDITIONS TO AVOID

Avoid heat.

MATERIALS TO AVOID

Strong oxidising substances. Aluminium. Copper and zinc.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >2000 (anhydrous substance) mg/kg (oral rat)

INHALATION

Dust may irritate respiratory system or lungs.

INGESTION

Ingestion of large amounts may cause damage to kidneys.

SKIN CONTACT

Powder may irritate skin.

EYE CONTACT

Irritating to eyes.

EDTA DISODIUM SALT LRG**12 ECOLOGICAL INFORMATION**

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

This is first issue.

REVISION DATE 22/10/2007

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SDS NO. 20695

SAFETY DATA SHEET STATUS

Approved.