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# ReAgent

## POTASSIUM IODIDE LRG MSDS

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

PRODUCT NAME	POTASSIUM IODIDE LRG
CAS-No.	7681-11-0
EC No.	231-659-4
SUPPLIER	Reagent Chemical Services 18 Aston Fields Road Whitehouse Industrial Estate Runcorn Cheshire WA7 3DL T: 01928 716903 F: 01928 716425 E: <a href="mailto:info@reagent.co.uk">info@reagent.co.uk</a>
PRODUCT NO.	1535
APPLICATION	General chemical reagent

### 2 HAZARDS IDENTIFICATION

Not regarded as a health hazard under current legislation.

CLASSIFICATION (67/548) -

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

EC No.	231-659-4
CAS-No.	7681-11-0

### 4 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

Immediately rinse mouth and drink plenty of water. Get medical attention immediately!

#### SKIN CONTACT

Immediately remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

#### 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

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

#### SPECIFIC HAZARDS

In cases of fire, toxic fumes 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

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

#### SPILL CLEAN UP METHODS

Dampen spillage with water. Transfer to a container for disposal. Wash contaminated area with water.

### 7 HANDLING AND STORAGE

**POTASSIUM IODIDE LRG****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 sufficient ventilation for operations causing dust formation.

**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. When using do not eat, drink or smoke. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Solid		
COLOUR	Colourless		
ODOUR	Odourless		
SOLUBILITY	Soluble in water.		
BOILING POINT (°C)	1330	MELTING POINT (°C)	686
RELATIVE DENSITY	3.13	pH-VALUE, DILUTED SOLUTION	About 6.9 5

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

Stable under normal temperature conditions and recommended use.

**MATERIALS TO AVOID**

Alkali metals. Hydrogen peroxide. Ammonia.

**11 TOXICOLOGICAL INFORMATION****EYE CONTACT**

Irritating to eyes.

**HEALTH WARNINGS**

Although not classified as hazardous, the product should be treated with the care and attention appropriate to chemicals.

**OTHER HEALTH EFFECTS**

Risk of sensitisation and allergic reactions among sensitive individuals.

**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**

ADR CLASS	Not classified for transportation.
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**15 REGULATORY INFORMATION**

# POTASSIUM IODIDE LRG

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

Change to section 8

REVISION DATE June 2005

REV. NO./REPL. SDS GENERATED Supercedes issue December 2001

SDS NO. 20461