

CONTACT
0800 990 3258
enquiries@reagent.co.uk



ReAgent

SAFETY DATA SHEET POTASSIUM PERMANGANATE LRG

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

PRODUCT NAME	POTASSIUM PERMANGANATE LRG
PRODUCT NO.	1538
APPLICATION	General chemical reagent
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

2 HAZARDS IDENTIFICATION

Contact with combustible material may cause fire. Harmful if swallowed. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION -

3 COMPOSITION/INFORMATION ON INGREDIENTS

EU INDEX NO.	025-002-00-9
EC No.	231-760-3
CAS-No.	7722-64-7

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 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

Water spray.

UNUSUAL FIRE & EXPLOSION HAZARDS

May ignite combustible 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.

SPILL CLEAN UP METHODS

Avoid dust formation. Transfer to a container for disposal. Wash contaminated area with water.

POTASSIUM PERMANGANATE LRG**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

Oxidiser storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
POTASSIUM PERMANGANATE LRG	MEL		0.5 as Mn mg/m3			

ENGINEERING MEASURES

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

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator.

HAND PROTECTION

Wear protective gloves. Rubber or plastic

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact. Provide eyewash station.

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	Crystals		
COLOUR	Dark purple.		
ODOUR	Odourless		
MELTING POINT (°C)	240 (decomposition)	RELATIVE DENSITY	2.7
pH-VALUE, DILUTED SOLUTION	7 - 9.2	SOLUBILITY VALUE (g/100g H ₂ O@20°C)	6.4

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

MATERIALS TO AVOID

Flammable/combustible material. Hydrogen peroxide. Alcohols, glycols. Acids. Organic compounds. Ammonia compounds.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 1090 mg/kg (oral rat)

INHALATION

May cause oedemas in the respiratory tract.

INGESTION

May cause stomach pain or vomiting. May cause perforation in the oesophagus and stomach.

SKIN CONTACT

Causes burns.

EYE CONTACT

Causes burns. Risk of corneal damage.

POTASSIUM PERMANGANATE LRG

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION



UK ROAD CLASS	5.1		
PROPER SHIPPING NAME	POTASSIUM PERMANGANATE		
UN NO. ROAD	1490	UK ROAD PACK GR.	II
ADR CLASS NO.	5.1	ADR CLASS	Class 5.1: Oxidising substances.
ADR PACK GROUP	II	ADR LABEL NO.	5.1
HAZCHEM CODE	1Y	CEFIC TEC(R) NO.	51GO2-I+II+III
RID CLASS NO.	5.1	RID PACK GROUP	II
UN NO. SEA	1490	IMDG CLASS	5.1
IMDG PAGE NO.	5.1	IMDG PACK GR.	II
EMS	F-H, S-Q	MFAG	See Guide
MARINE POLLUTANT	No.	UN NO. AIR	1490
AIR CLASS	5.1	AIR PACK GR.	II

15 REGULATORY INFORMATION

LABELLING



Harmful



Oxidising



Dangerous for the environment

RISK PHRASES

R8	Contact with combustible material may cause fire.
R22	Harmful if swallowed.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S2	Keep out of the reach of children
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

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.

POTASSIUM PERMANGANATE LRG

NATIONAL REGULATIONS

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

16 OTHER INFORMATION

REVISION COMMENTS

Change to section 10.

REVISION DATE

July 2005

REV. NO./REPL. SDS GENERATED Supercedes issue May 2004

SDS NO.

20463