

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME POTASSIUM PERMANGANATE (0.5%)

PRODUCT CODE 62057x / 75012x

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2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
Chronic Aquatic Toxicity (Category 2) H411

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]

(No signal word)



Hazard statement(s)

H411 Toxic to aquatic life with long lasting effects

Precautionary statement(s)

P273 Avoid release to the environment

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
POTASSIUM PERMANGANATE	231-760-3	7722-64-7	0.25-2.5%	Ox. Sol. 2; Acute Tox. 4; Aquatic Acute 1; Aquatic Chronic 1 H272, H302, H410

4. FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get prompt medical attention.

INGESTION

Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention.

SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Seek medical attention.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Water spray, Alcohol-resistant foam, Dry chemicals, or Carbon dioxide.

PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid breathing dust. Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses, drains or sewers. Stop further spillage if possible without risk.

SPILL CLEAN-UP METHODS

Sweep up into bag and hold for hazardous disposal. Avoid raising aerosols. Flush area with water – do not allow water to enter drains. Absorb with disposable towels and hold for hazardous disposal – see section 13.

7. HANDLING & STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide adequate exhaust function where aerosols are likely.

STORAGE PRECAUTIONS

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

STORAGE CLASS

Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std	8h TWA	STEL
POTASSIUM PERMANGANATE	WEL	0.5 mg/m ³	

WEL – Workplace Exposure Limit; 8h TWA – 8-hour Time-Weighted Average; STEL – Short-Term EL.

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation. Provide explosion-proof ventilation for high concentrations.

PROTECTIVE EQUIPMENT



HAND PROTECTION

Use protective gloves made of: Butyl rubber (immersion protection) or Nitrile rubber (splash protection). The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved, tight-fitting safety glasses where splashing is probable.

RESPIRATORY EQUIPMENT

Self-contained breathing apparatus where high vapour levels are likely.

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. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Purple Liquid
ODOUR	None
(SOLUBILITY) / MISCIBLE WITH:	Water; Ethanol
BOILING POINT	~101 °C
SPECIFIC GRAVITY	~ 1.01 @ 20 °C

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

INCOMPATIBLE MATERIALS

Zinc, Powdered metals, Peroxides, Copper, Strong reducing agents.

11. TOXICOLOGICAL INFORMATION

INHALATION

May be harmful by inhalation. May cause respiratory tract irritation.

INGESTION

May be harmful if swallowed.

SKIN CONTACT

May be harmful if absorbed through the skin. May cause skin irritation.

EYE CONTACT

May cause eye irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Toxic to aquatic life. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Incinerate in suitable combustion chamber. Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID / ADR</u>	3082	9	III	Environmentally hazardous substance, liquid, n.o.s.
<u>IATA</u>	3082	9	III	
<u>IMDG</u>	3082	9	III	

SIGNAGE



ENVIRONMENTAL HAZARDS

RID / ADR No
IATA No
IMDG No

15. REGULATORY INFORMATION

STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.
Workplace Exposure Limits EH40/2011.

16. OTHER INFORMATION

GENERAL INFORMATION

This safety data sheet covers all codes for this product.

REVISION INFORMATION

Revision No.	06
Revision Date	09/2015
Comments	CHIP regulations removed
Replaces Document Generated	04/2015

HAZARD STATEMENTS IN FULL

H272	May intensify fire; oxidizer
H302	Harmful if swallowed
H410	Very toxic to aquatic life with long lasting effects'
H411	Toxic to aquatic life with long lasting effects