

## 1. Product and Company Identifaction

[www.rxmarine.com](http://www.rxmarine.com)

Product Name  
Part Number

Potassium Chloride  
RXSOL-81-8102-100

### Company Details:

**RX MARINE INTERNATIONAL**  
**105, A wing , BSEL , TECH PARK.**  
**VASHI ,NEW BOMBAY 400703 INDIA**

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Website [www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / Information on ingredients

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Product Name	Cas Number	EC-No.	Molecular weight
Potassium Chloride	7447-40-7	231-211-8	74,55 g/mol

## 3. Hazards Identification

[www.rxmarine.com](http://www.rxmarine.com)

Classification of the substance or mixture	Not a hazardous substance or mixture according to REACH
Label elements	This substance is not classified as dangerous according to GHS
Other hazards	The product does not need to be labelled in accordance with GHS
	This substance/mixture contains no components considered very toxic (PBT), or very persistent and very bioaccumulative (vPvB)

## 4. First Aid Measures

[www.rxmarine.com](http://www.rxmarine.com)

General advice	Consult a physician. Show this safety data sheet to the physician.
Inhalation:	If breathed in, move person into fresh air. If not breathing, call a physician.
Skin Contact	Wash off with soap and plenty of water. Consult a physician.
Eye Contact	Flush eyes with water as a precaution.
Swallowed	Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	The most important known symptoms and effects are listed in section 11
Indication of any immediate medical attention and special treatment needed	No Data Available

## 5. Fire-fighting Measures

[www.rxmarine.com](http://www.rxmarine.com)

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or

Special hazards arising from the substance or mixture

Hydrogen chloride gas, Potassium oxides

Advice for firefighters

Wear self-contained breathing apparatus for firefighting

Further information

No data available

## 6. Accidental Release Measures

[www.rxmarine.com](http://www.rxmarine.com)

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation by

Environmental Precaution

breathing dust. For personal protection see section 8.

Methods and materials for  
containment and cleaning up

Do not let product enter drains.

Reference to other sections

Pick up and arrange disposal without creating dust

containers for disposal.

For disposal see section 13.

## 7. Handling and Storage

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Precautions for safe handling

Avoid formation of dust and aerosols.

Conditions for safe storage, including any incompatibilities

Provide appropriate exhaust ventilation at places where

Specific end use(s)

For precautions see section 2.2.

Store in cool place. Keep container tightly closed in

class (TRGS 510): Non Combustible Solids

Apart from the uses mentioned in section 1.2 no other

## 8. Exposure controls and personal protection

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Appropriate engineering controls

Handle in accordance with good industrial hygiene practices

Personal protective equipment

at the end of workday.

Eye/face protection

Skin protection

Use equipment for eye protection tested and approved by

NIOSH (US) or EN 166(EU).

Body Protection

Handle with gloves. Gloves must be inspected prior to use

(without touching glove's outer surface) to avoid

contaminated gloves after use in accordance with applicable

and dry hands.

Respiratory protection

Choose body protection in relation to its type, the

Control of environmental exposure

substances, and to the specific work-place.. The

according to the concentration and amount of the dangerous

Respiratory protection is not required. Where protection is

type N95 (US) or type P1 (EN 143) dust masks. Use

under appropriate government standards such as NIOSH

Do not let product enter drains.



# Gloves Suit

## 9. Physical and chemical properties

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Appearance Form	Crystalline, powder	Colour: white
Odour	No Data Available	
Odour Threshold	No Data Available	
pH	7	
Melting point/freezing point	770 °C	
Initial boiling point and boiling range	No Data Available	
Flash point	No Data Available	
Evaporation rate	No Data Available	
Flammability (solid, gas)	No Data Available	
Explosive limits	Upper	No Data Available
	lower	No Data Available
Vapour pressure	No data available	
Vapour density	No Data Available	
Relative density	1,98 g/mL at 25 °C	
Water solubility	Soluble	
Partition coefficient: n-octanol/water	No data available	
Auto-ignition temperature	No Data Available	
Decomposition temperature	No Data Available	
Viscosity	No Data Available	
Explosive properties	No Data Available	
Oxidizing properties	No Data Available	
Other safety information	No data available	

## 10. Stability and reactivity

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Recativity	No Data Available	
Chemical stability	Stable under recommended storage conditions.	
Possibility of hazardous reactions	No Data Available	
Conditions to avoid	No Data Available	
Incompatible materials	Strong acids, Strong bases, Strong oxidizing agents	
Hazardous decomposition products	Other decomposition products - No data available In the event of fire: see section 5	

## 11. Toxicological information

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Acute toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No eye irritation

Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible human carcinogen by IARC.
Reproductive toxicity	No Data Available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional Information	RTECS: TS8050000 hyperkalemia, Nausea, Vomiting, Abdominal pain, Diarrhoea, Constipation., Paresthesia., Th Rash, pruritus, Weakness, muscle cramps, minor psychiatric changes, minor visual changes

## 12. Ecological information

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Toxicity	Toxicity to fish Toxicity to daphnia and other aquatic invertebrates LC50 - Pimephales promelas (fathead minnow) - 880 mg/l - 96 h mortality NOEC - Pimephales promelas (fathead minnow) - 500 mg/l - 7 d mortality LOEC - Pimephales promelas (fathead minnow) - 1.000 mg/l - 7 d EC50 - Daphnia magna (Water flea) - > 440 mg/l - 48 h (OECD Test Guideline 202)
Persistence and degradability	No Data Abailble
Bioaccumulative potential	No data Available
Mobility in soil	> 60% (28 d)
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Other adverse effects	No Data Avaiable

## 13. Disposal considerations

[www.rxmarine.com](http://www.rxmarine.com)

Product	Offer surplus and non-recyclable solutions to a lic with a combustible solvent and burn in a chemical i
Contaminated packaging	Dispose of as unused product.

## 14. Transport information

[www.rxmarine.com](http://www.rxmarine.com)

Land transport (ADR/RID)	Not relevant
Inland waterway transport (ADN)	Not relevant
Air transport (IATA)	Not relevant
Sea transport (IMDG)	Not relevant
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not relevan

## 15. Regulatory information

[www.rxmarine.com](http://www.rxmarine.com)

Safety, health and environmental regulations/legislation specific for the substance or mixture	No data available
Chemical safety assessment	For this product a chemical safety assessment w

**Other Information**

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