

## 1. Product and Company Identification

www.rxmarine.com

Product Name Potassium Chloride  
Part Number RXSOL-81-8102-050

### Company Details:

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

**Branch : Kandla, Sikka, Dahej, Hazira, JNPT, Goa, Mangalore, Cochin, Tuticorin, Chennai, Kakinada, Vizag, Paradip, Kolkata, UAE, Singapore.**

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## 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

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Classification of the substance or mixture

Not a hazardous substance or mixture according to R  
This substance is not classified as dangerous according

Label elements

The product does not need to be labelled in accordance

Other hazards

This substance/mixture contains no components considered  
toxic (PBT), or very persistent and very bioaccumulative

## 4. First Aid Measures

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General advice

Consult a physician. Show this safety data sheet to the

Inhalation:

If breathed in, move person into fresh air. If not  
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  
in section 11

Indication of any immediate medical attention and special treatment needed

No Data Available

## 5. Fire-fighting Measures

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Suitable extinguishing media  
Special hazards arising from the substance or mixture  
Advice for firefighters  
Further information

Use water spray, alcohol-resistant foam, dry chemical or  
Hydrogen chloride gas, Potassium oxides  
Wear self-contained breathing apparatus for firefighting  
No data available

## 6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures  
  
Environmental Precaution  
Methods and materials for  
containment and cleaning up  
Reference to other sections

Use personal protective equipment. Avoid dust formation  
breathing dust. For personal protection see section 8.  
Do not let product enter drains.  
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  
  
Conditions for safe storage, including any incompatibilities  
  
Specific end use(s)

Avoid formation of dust and aerosols.  
Provide appropriate exhaust ventilation at places where  
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  
  
Personal protective equipment  
  
Skin protection  
  
Body Protection  
  
Respiratory protection  
  
Control of environmental exposure

Handle in accordance with good industrial hygiene a  
at the end of workday.  
Eye/face protection  
Use equipment for eye protection tested and approved  
NIOSH (US) or EN 166(EU).  
Handle with gloves. Gloves must be inspected prior  
(without touching glove's outer surface) to avoid  
contaminated gloves after use in accordance with applic  
and dry hands.  
Choose body protection in relation to its type, the  
substances, and to the specific work-place. The  
according to the concentration and amount of the dan  
Respiratory protection is not required. Where protect  
type N95 (US) or type P1 (EN 143) dust masks. Use  
under appropriate government standards such as NIO  
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 or known 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., Thirst, 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 Available
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 Available

## 13. Disposal considerations

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Product	Offer surplus and non-recyclable solutions to a licensed contractor in accordance with local, national and international regulations. Dispose of with a combustible solvent and burn in a chemical incinerator.
Contaminated packaging	Dispose of as unused product.

## 14. Transport information

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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 relevant

## 15. Regulatory information

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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 was not conducted.

## Other Information

The information above is believed to be accurate and complete as available to us. However, we make no warranty, express or implied, with respect to such information, and we advise that you should make their own investigations to determine its suitability for particular purposes. In no event shall we be liable for any damages, including for lost profits or any special, indirect, incidental, or consequential damages arising, even if **Rx Marine International** has been advised of the possibility of such damages.

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