

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.

Phone +91 22 27815540 / 41 / 42
Fax +91 22 2781 1318 :::AOH :0091 9821214367
Email 123@rxmarine.com
Website www.rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

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

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

www.rxmarine.com

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

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

6. Accidental Release Measures

www.rxmarine.com

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation and breathing dust. For personal protection see section 8.

Environmental Precaution

Do not let product enter drains.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Use containers for disposal.

Reference to other sections

For disposal see section 13.

7. Handling and Storage

www.rxmarine.com

Precautions for safe handling

Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in original class (TRGS 510): Non Combustible Solids

Specific end use(s)

Apart from the uses mentioned in section 1.2 no other uses are recommended.

8. Exposure controls and personal protection

www.rxmarine.com

Appropriate engineering controls

Handle in accordance with good industrial hygiene practices. Wash hands at the end of workday.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved by NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use (without touching glove's outer surface) to avoid contamination. Wash contaminated gloves after use in accordance with applicable instructions and dry hands.

Body Protection

Choose body protection in relation to its type, the substances, and to the specific work-place. The choice should be according to the concentration and amount of the dangerous substance.

Respiratory protection

Respiratory protection is not required. Where protection is required use type N95 (US) or type P1 (EN 143) dust masks. Use in accordance with appropriate government standards such as NIOSH (US) or EN 143(EU).

Control of environmental exposure

Do not let product enter drains.



Gloves Suit

9. Physical and chemical properties

www.rxmarine.com

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

www.rxmarine.com

Reactivity	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

www.rxmarine.com

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

www.rxmarine.com

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

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

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

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

16. Other information

www.rxmarine.com

Other Information

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

DISCLAIMER OF LIABILITY :The information in this document is believed to be reliable. However, the information is provided without warranty regarding its correctness. The conditions or methods of use are beyond our control and may be beyond our knowledge. We do not assume responsibility and expressly disclaim liability in any way connected with the handling, storage, use or misuse of this product and is to be used only for this product. If the product is used for any other purpose, the MSDS information may not be applicable.