

1. Product and Company Identification

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Product Name

Potassium Chloride USP Grade

Part Number

RXSOL-81-8102-020

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

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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

Label elements

This substance is not classified as dangerous according

Other hazards

The product does not need to be labelled in accordance

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 no response, consult 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 described 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

Enviromental 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 pri
(without touching glove's outer surface) to avoid
contaminated gloves after use in accordance with app
and dry hands.
Choose body protection in relation to its type, t
substances, and to the specific work-place., The
according to the concentration and amount of the dan
Respiratory protection is not required. Where protec
type N95 (US) or type P1 (EN 143) dust masks. Use
under appropriate government standards such as NIO
Do not let product enter drains.



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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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

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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 disposal company or incinerate 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 required.

Other Information

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