Product Name:	**Potassium Chloride**	**Part No / SKU:**	**RXSOL-97-8102-025**
Date of Issue:	September 09, 2026	**Document Type:**	Material Safety Data Sheet (MSDS)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	RXSOL-81-8102-050
Product Type	Potassium Chloride

Company Details:

RX MARINE INTERNATIONAL
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2. COMPOSITION / INFORMATION ON INGREDIENTS

SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Potassium Chloride	7447-40-7	99.9%	W/V	None Established

3. HAZARDS IDENTIFICATION

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

Emergency Overview: Caution! May Cause Irritation To Skin And Eyes.

Inhalation: No Information Found.

Ingestion: Large Oral Doses may Cause Irritation to the Gastrointestinal Tract.

Skin: May Cause Irritation with Redness and Pain.

Eye Contact: May Cause Irritation, Redness and Pain.

Chronic Exposure: No Information Found.

Aggravated by Exposure: Persons with Impaired Kidney Function may be more susceptible to the effects of the Substance.

4. FIRST AID MEASURES

May be harmful if swallowed. May cause irritation. Avoid breathing vapours, or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

SKIN:	Wash exposed area with soap and water. If irritation persists, seek medical attention.
EYES:	Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
INGESTION:	Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire
Fire / Explosion Hazards:	None Known.
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

6. ACCIDENTAL RELEASE MEASURES

Collect spill. Flush excess down drain. Ventilate Area of Leak or Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Contain and Recover Liquid when Possible. Collect Liquid in an Appropriate Container or Absorb with an Inert Material (Vermiculite, Dry Sand, Earth), and Place in a Chemical Waste Container. Do Not Use
Combustible Materials, such as Saw Dust. Do Not Flush to Sewer.

7. HANDLING AND STORAGE

This Material is not considered hazardous. Store in a cool, dry place. Handle using safe laboratory pra

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection	None required
Ventilation	Local
OTHER	Mechanical
Protective Gloves	Gloves to prevent skin exposure as rubber or vinyl
EYE PROTECTION	Splash Goggles
Other Protective Equipment	Wear appropriate clothing to prevent skin exposure

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT	1420° C
VAPOR PRESSURE	not available
MELTING POINT	770° C
VAPOR DENSITY	not available
EVAPORATION RATE	Information not available
Appearance /Odors	Colorless, odorless liquid
Flash Point	Not flammable
Density	~1.984
Solubility	water, glycerol, Alkalies
Evaporation Standard	
Auto Ignition Temp	Not applicable
Lower Flamm. Limit inAir	Not applicable
Upper Flamm. Limit inAir	Not applicable
Solubility in Water	Soluble

10. STABILITY AND REACTIVITY

STABILITY	Stable
CONDITIONS TO AVOID	Temperature extremes
MATERIALS TO AVOID	Bromine triflouride, potassium permaganate plus sulfuric acid
HAZARDOUS DECOMPOSITION PRODUCTS	None
HAZARDOUS POLYMERIZATION	not expected to occur
Conditions to Avoid	None known

11. TOXICOLOGICAL INFORMATION

Carcinogenic References:
NTP Carcinogen - Known: No, IARC Category- None

12. ECOLOGICAL INFORMATION

Environmental Fate: No Information Found.

Environmental Toxicity: No Information Found.

13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

15. REGULATORY INFORMATION

Chemical Inventory Status –
Part 1:Ingrdient
Potassium Chloride (7447-40-7)
TSCA Yes
EC Yes
Japan YES
Australia Yes

Chemical Inventory Status –
Part 2:Ingredient
Potassium Chloride (7447-40-7)
Korea Yes
DSL Yes
NDSL No
Phil. Yes

Federal, State & International Regulations –
Part 1: Ingredient.
Potassium Chloride (7447-40-7)
RQ No
TPQ No
List NO
Chemical Catg No

Federal, State &
International Regulations –
Part 2:Ingredient
Potassium Chloride (7447-40-7)
CERCLA NO
261.33 No
8(d) No

Chemical Weapons Convention: No
TSCA 12 (b):No
CDTA:No PURE/LIQUID
SARA 311/312: Acute:YES
Chronic: No
Fire: No
Pressure: No
Reactivity: No
Australian Hazchem Code: NONE ALLOCATED
Poison Schedule:NONE ALLOCATED

16. OTHER INFORMATION AND DISCLAIMER

Overexposure symptoms. Acute: Essentially non-hazardous.Possible irritation of eyes/stomach. Chronic: None known. Conditions aggravated/Target organs: none known.
Flammability

Health Reactivity

Revisions	NFPA
	0
7/30/2010	0.1 updated msds to 16 section from 10 section msds. STN

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