

# Material Safety Data Sheet

Potassium Chloride (RXSOL-95-8102-050)



## 1. Product and Company Identification

Product Name RXSOL-95-8102-050

Product Type Potassium Chloride

Company Details:

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## 2. Composition / informationon ingredients

| SARA 313 Component | CAS Number     | Percent Comp. | Dimension | Exposure Limits  |
|--------------------|----------------|---------------|-----------|------------------|
| Potassium Chloride | CAS# 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 and 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 trifluoride, potassium permanganate 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:Ingredient  
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

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<br>section msds. STN |

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