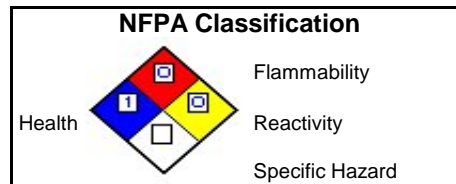




MATERIAL SAFETY DATA SHEET POTASSIUM CHLORIDE



SECTION I - MATERIAL IDENTIFICATION AND USE

Supplier: NSC MINERALS LTD. 2241 Speers Avenue Saskatoon, Saskatchewan Canada S7L 5X6	Emergency Telephone Numbers: (306) 934-6477 (888) 668-7258
Chemical Name: KCl Potassium Chloride	Chemical Family: Inorganic Salts
Product Use: Animal Feed Supplement Industrial Chemical Process	Trade Name: KCl Potassium Chloride, Potash

SECTION II - HAZARDOUS INGREDIENTS

Potassium Chloride	CAS # 7447-40-7	95 - 100%
Sodium Chloride	CAS # 7647-14-5	0 - 5%

SECTION III - PHYSICAL DATA

Physical State Solid	Odour and Appearance Pinkish White/White, Odourless	Odour Threshold Not Available
Boiling Point 1500°C	Solubility In Water 357g/L at 25°C	Specific Gravity 2.0 (H ₂ O = 1)

SECTION IV - FIRE AND EXPLOSION HAZARDS

Flammability Non Flammable	Means of Extinction Non Combustible
--------------------------------------	---

SECTION V - REACTIVITY DATA

Chemical Stability Stable	Incompatible Materials Bromine trifluoride or trichloride potassium dichromate and sulfuric acid, or hot nitric acid
-------------------------------------	--

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry - Eye, skin contact, inhalation, ingestion

Effects of Acute Exposure:

- Eye** - May cause irritation
- Skin** - May cause irritation
- Inhalation (of dust)** - May cause respiratory tract irritation
- Ingestion** - May cause upset stomach

Effects of Chronic Exposure:

Excessive inhalation of mineral dust for very long periods of time, may cause industrial bronchitis, reduced breathing capacity, and increase susceptibility to other lung diseases.

Irritancy May Cause Irritation	Respiratory Tract Sensitization No Data Available	Mutagenicity Product Is Not
Teratogenicity Product Is Not	Carcinogenicity Product Is Not	Reproductive Effects No Data Available

SECTION VII - PREVENTIVE MEASURES

Personal Protective Equipment:

- | | |
|--|--|
| Gloves - Recommended | Footwear - Normal |
| Respiratory - Wear NIOSH/MSHA approved respiratory protection | Clothing - Normal long sleeved work clothes |
| Eyes - Safety glasses recommended | |

Leak and Spill Procedures Use broom or dry vacuum to collect material for reuse or proper disposal. Rinse area with water. Prevent large spills from entering sewers and waterways.

Waste Disposal Dispose of in accordance with all applicable Federal, Provincial, State and local Environment Regulations.

Storage Requirements Store in dry area, preferably below 70% relative humidity.

SECTION VIII - FIRST AID MEASURES

Skin	Wash with soap and water.
Eyes	Flush with large amounts of water.
Inhalation	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion	Drink large quantities of water. Induce vomiting. Bring to the attention of a physician.

SECTION IX - PREPARATION OF MATERIAL SAFETY DATA SHEET

Prepared By:

NSC MINERALS INC.

Date Prepared:

December 30, 2011

Phone Number of Preparer:

(306) 934-6477

DISCLAIMER

The data contained herein is believed to be accurate and reliable, but no expressed or implied warranty is made with regard to the accuracy of such data or its suitability for a given situation. Such data relates only to the specific product described and not to such product in combination with any other product. We disclaim all liability for any actions taken or forgone on reliance upon such data. Users should make their own investigation to determine the suitability of the information for their particular purposes.