



WHITE FINE SALT

PRODUCT INFORMATION

CHEMICAL NAME: Sodium chloride.
SYNONYMS: Salt, Safe-T Salt
CHEMICAL FAMILY: Salt. MOLECULAR FORMULA: NaCl
SHIPPING NAME: Sodium chloride.
PIN - (UN/NA): Not classified. WHMIS: Not classified.
PRODUCT USE: Workovers and completions, de-icing.
SUPPLIER: Panther Industries Inc.
Box 628
Davidson, Saskatchewan
S0G 1A0
EMERGENCY TELEPHONE NUMBER: (306) 567-2814
HAZARDOUS INGREDIENTS
INGREDIENTS: WEIGHT % C.A.S. REGISTRY NUMBER:
Sodium chloride 99.6-99 7647-14-5

PHYSICAL DATA

PHYSICAL STATE: Solid.
ODOUR AND APPEARANCE: Odourless, white granules.
ODOUR THRESHOLD: Not applicable.
VAPOUR PRESSURE: 1.0 mm @ 865oC VAPOUR DENSITY: Not applicable.
EVAPORATION RATE: None. pH: 6.7-7.3
BOILING POINT: 1413o C. MELTING POINT: 804o C.
SOLUBILITY IN WATER: 1g/2.8 l MOLECULAR WEIGHT: 57.7
SPECIFIC GRAVITY: (H2O = 1 @ 4oC) 2.165
% VOLATILE BY VOLUME: None. BULK DENSITY: Not available.
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not applicable.
FIRE AND EXPLOSION DATA
CONDITIONS OF FLAMMABILITY: None, it is non-flammable.
MEANS OF EXTINGUISHING:
Use appropriate means for surrounding fire.
FLASH POINT: Not applicable. UPPER FLAMMABLE LIMIT: Not applicable.
LOWER FLAMMABLE LIMIT: Not applicable.
AUTO IGNITION TEMPERATURE: Not applicable.
HAZARDOUS COMBUSTION PRODUCTS: None.
SPECIAL FIRE FIGHTING PROCEDURES: Not applicable.
EXPLOSION HAZARDS: Not applicable.

REACTIVITY DATA

STABILITY: Stable. HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITY:
Do not allow to come in contact with Lithium and Bromine trifluorides strong acids or strong oxidizing agents.
HAZARDOUS REACTIONS/DECOMPOSITIONS: HCl, fumes of Na2O



WHITE FINE SALT

HEALTH HAZARD DATA

INHALATION:

Inhalation will cause irritation of the upper respiratory tract.

SKIN CONTACT: Contact with skin may cause mild irritation.

EYE CONTACT: Contact with eyes may cause mild irritation.

INGESTION:

Ingestion may cause irritation in the mouth, esophagus and stomach.

CHRONIC EXPOSURE EFFECTS: Modulator of blood pressure.

EXPOSURE LIMITS: ACGH Nuisance dust TLV-TWA: 10mg/m³ total dust.

IRRITANCY:

Mild irritant to mucous membranes and upper respiratory tract.

MUTAGENICITY: Not known mutagen.

CARCINOGENICITY: Not a known carcinogen.

SENSITIZATION TO PRODUCT: No data available.

REPRODUCTIVE TOXICITY: No data available.

TOXICOLOGICALLY SYNERGISTIC MATERIALS: Not available.

TERATOGENICITY DATA: No data available.

ANIMAL TOXICITY DATA: Rat, oral LD₅₀ 3000mg/kg

OTHER HEALTH EFFECTS: Not available.

FIRST AID MEASURES

INHALATION:

Remove from exposure. If symptoms persist seek medical attention.

SKIN CONTACT:

Flush area with copious amounts of water. If irritation persists seek medical attention.

EYE CONTACT:

Flush with water for a minimum of 15 minutes. If irritation persists obtain medical attention.

INGESTION: Do not induce vomiting. Contact a doctor immediately.

PREVENTATIVE MEASURES

RESPIRATORY PROTECTION:

If ventilation is not adequate use a nuisance dust mask or gas respirators with dust filters.

SKIN PROTECTION: Wear gloves when handling the product.

EYE/FACE PROTECTION: Wear chemical safety goggles or safety glasses.

SPECIAL HANDLING PROCEDURES:

Wash thoroughly after handling. Do not get in eyes, on skin or on clothing.

STORAGE REQUIREMENTS: Store in a dry area to avoid caking.

ENGINEERING CONTROLS:

Use local exhaust and general ventilation techniques.

SPECIAL SHIPPING REQUIREMENTS: Not applicable.

ENVIRONMENTAL PROTECTION DATA

STEPS IN THE EVENT OF A LEAK OR SPILL:

Use a broom or a dry vacuum to collect material for proper disposal. Wash down area with water.



WHITE FINE SALT

ENVIRONMENTAL EFFECTS: None known.

WASTE DISPOSAL METHODS:

Consult federal, provincial and local regulations on chemical waste disposal.

PREPARATION INFORMATION

MSDS PREPARED BY: Technical Department

Panther Industries Inc.

Ph.(306) 567-2814

DATE PREPARED/REVISED: August 25 2007

DATE PRINTED: August 25 2007

REFERENCES:

1. Manufacturers MSDS
2. Hawley, Gessner G. "The Condensed Chemical Dictionary, Tenth Edition" (Van Nostrand Reinhold Co) 1981.