MATERIAL SAFETY DATA

SECTION 1

MANUFACTURING NAME: US Salt LLC
ADDRESS: Salt Point Road, Watkins Glen, NY 14891

EMERGENCY PHONE: 607-535-2067 ext 220
DATE PREPARED: 02/2007
BY: R.E. Traver, Technical Manager

CHEMICAL NAME: Sodium Chloride (salt)
TRADE NAME: Superior General Purpose Salt
CHEMICAL FAMILY: Inorganic Salt (alkali metal – halogen)
FORMULA: NaCl

SECTION II – HAZARDOUS INGREDIENTS = NONE

CAS REGISTRATION & EPA TOXIC SUBSTANCES INVENTORY NUMBER = Sodium Chloride (>99%) (7647-14-5)

SECTION III – PHYSICAL DATA (SALT)

BOILING POINT (°C) @ 760 mm = 1465
VAPOR PRESSURE (mm Hg) @ 746.9°C = 2.4
VAPOR DENSITY = NA
SOLUBILITY IN WATER (g/100cc) = 35.7 @ 0°C, 36.0 @20°C
SPECIFIC GRAVITY (H_2O = 1) = 2.165
% VOLATILE (by volume) = NA
EVAPORATION RATE = NA
APPEARANCE & ODOR = Solid white or off-white crystalline material is odorless

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT = NONE
FLAMMABLE LIMITS = Not Flammable
EXTINGUISHING MEDIA = NA
EXPLOSIVE LIMITS = Not Explosive
SPECIAL/UNUSUAL FIRE FIGHTING PROCEDURES/HAZARDS = NONE/Not Combustible
NATIONAL FIRE PROTECTION ASSOCIATION CODE = 000

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUES = Rats: Oral LD_{50} = 3.75 g/kg; MLD I.V. = 2.5 g/kg
EFFECTS OF OVERDOSE OR OVEREXPOSURE = No acute systemic, chronic systemic or chronic local toxicity. In sensitive persons some dermal or eye irritation effects, or after excessive ingestion, edema and/or temporary elevated blood pressure effects. Gavage ingestion of 15-50 g may induce vomiting resulting in partial vacating of stomach contents.
EMERGENCY & FIRST AID PROCEDURES = Skin and eyes: Flush with water; ingestion: High fluid intake facilitates urinary excretion and relief of edema and temporary elevated blood pressure.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE = NA

SECTION VI – REACTIVITY DATA

STABILITY = Stable
CONDITIONS TO AVOID = Concentrated acids such as sulfuric or nitric
HAZARDOUS DECOMPOSITION PRODUCTS = Hydrochloric acid from above acid mixtures with salt.
HAZARDOUS POLYMERIZATION = NONE. Will not occur.

SECTION VII – SPILLS OR LEAKS PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK = Non-hazardous. DOT classification = Non-corrosive. Sweep up and flush with water.
WASTE DISPOSAL METHODS = Dry to land fill or dissolve in sufficient amounts of water to meet local existing water quality standards.

SECTION VIII – SPECIAL PROTECTION & PRECAUTIONS

VENTILATION = Local exhaust not necessary. Mechanical control dust collection may be used.
PERSONAL PROTECTIVE EQUIPMENT = Eye goggles and gloves optional and respirator unnecessary, but all may be used for comfort.
PRECAUTIONS (HANDLING/STORAGE) = Store under DRY (less than 75% R.H.) conditions to prevent CAKING of salt. Store on pallets under protective cover. Do not store cases/bags directly on damp or concrete floors. Avoid PRESSURE PACKING/CAKING of bags by stacking pallets no greater than 3 high.