MATERIAL SAFETY DATA

SECTION I MANUFACTURING NAME: Akzo Salt Inc.
ADDRESS: Abington Executive Park, Clarks Summit, PA 18411

EMERGENCY PHONE: 717-987-9241
DATE PREPARED: 08-12-91
BY: T. E. Commer, Director of Technical Service

CHEMICAL NAME: Sodium Chloride (salt, halite, solar salt, rock salt)
TRADE NAME: [Unspecified]
CHEMICAL FAMILY: Inorganic Salt (alkali metal - halogen)
FORMULA: NaCl

SECTION II - HAZARDOUS INGREDIENTS = NONE
CAS REGISTRATION & EPA TOXIC SUBSTANCES INVENTORY NUMBER = 7647-14-5

SECTION III - PHYSICAL DATA
BOILING POINT (°C) @760 mm = 1465
VAPOR PRESSURE (mm Hg) @746.9°C = 2.4
VAPOR DENSITY = NA
SPECIFIC GRAVITY (H2O = 1) = 2.165
% VOLATILE (By Volume) = NA
EVAPORATION RATE = NA
SOLUBILITY IN WATER (g/100cc) = 35.7 @0°C, 36.0 @20°C
APPEARANCE & ODOR = Solid white or off-white crystalline material is odorless.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA
FLASH POINT = NA
FLAMMABLE LIMITS = Not Flammable
EXPLOSIVE LIMITS = Not Explosive
SPECIAL/UNUSUAL FIRE FIGHTING PROCEDURES/HAZARDS = None/Nontoxic Combustible
NATIONAL FIRE PROTECTION ASSOCIATION CODE = 000

SECTION V - HEALTH HAZARDOUS DATA
THRESHOLD LIMIT VALUES = Rats: Oral LD50 = 3.75 g/kg; MLD IV = 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 = N.A.

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

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 bags directly on damp or concrete floors.
Akzo Salt Inc.

Hardy® Zeo-Tabs® Salt
Manistee Mi, production

Description
Hardy® Zeo-Tabs® Salt is pillow-shaped buttons of compressed, high-purity, evaporated Sodium Chloride designed for the regeneration of home water softening units. Under normal use, the uniform size and density of this product minimizes mushing, bridging or channeling for excellent percolation. The high purity of Hardy® Zeo-Tabs® Salt produces a virtually 100% soluble product. This eliminates messy tank cleaning and provides for efficient operation of the unit.

Approved Use
Hardy® Zeo-Tabs® Salt can be used in most types of water softeners.

Availability
Hardy® Zeo-Tabs® Salt are available in 40#, 50# and 80# net weight poly bags.

Storage
To retard caking, Hardy® Zeo-Tabs® Salt should be stored in a dry, covered area at relative humidities below 75%. Cycling salt through the 75% relative humidity zone will rapidly increase the onset of caking.

Technical Information
For further product information, contact the Director of Technical Service, Akzo Salt Inc., Abington Executive Park, Clarks Summit, PA 18411, by phone 717-587-9241 or FAX 717-585-7792.

Properties

<table>
<thead>
<tr>
<th>Component</th>
<th>Units</th>
<th>Typical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride</td>
<td>%</td>
<td>99.8</td>
</tr>
</tbody>
</table>

Physical

<table>
<thead>
<tr>
<th>U.S.S. Mesh</th>
<th>Opening Inches</th>
<th>Percent Retained (Typical)</th>
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</thead>
<tbody>
<tr>
<td>4</td>
<td>0.187</td>
<td>95</td>
</tr>
</tbody>
</table>

(1) Analytical methods available on request. (2) By difference of impurities, moisture free basis.

Regional Sales Offices
For order, pricing, delivery or other service information, contact the Regional Sales Office nearest you:

CLARKS SUMMIT, PA
TOLEDO, OH (Ohio)
(Outside Ohio)
ATLANTA, GA
CHICAGO, IL (Illinois)
(Outside Illinois)
SALT LAKE CITY, UT
GROCERY PRODUCTS (US)
(Canada)
EXPORT
AKZO SALT INC

800-548-5618
800-472-7020
800-537-7043
800-241-7066
800-433-0919
800-501-4203
800-458-6214
800-548-6815
800-621-7622
717-587-5313

FAX 717-587-5831
FAX 419-882-8821
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FAX 708-297-8087
FAX 501-269-0262
FAX 800-544-9675
FAX 203-767-7119
FAX 717-596-6278
TELEX 931-872