

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 2
To: Earl	From: Terry Wilson	
Co. Univ of Wisconsin	Co. AKZO Salt	
Dept.	Phone #	
Fax # (414) 472-5538	Fax #	

Stores
 PO #s 40649
 40650
 40651
 40652
 40653
 UND

MATERIAL SAFETY DATA

SECTION I

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

EMERGENCY PHONE: 717-587-9241
 DATE PREPARED: 08-12-91
 BY: T. E. Dommmer, Director of Technical Service

CHEMICAL NAME: Sodium Chloride (salt, halite, solar salt, rock salt) FORMULA: NaCl
 TRADE NAME: ~~AKZO SALT~~
 CHEMICAL FAMILY: Inorganic Salt (alkali metal - halogen)

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
 SOLUBILITY IN WATER (g/100cc) = 35.7 @0°C, 36.0 @20°C
 APPEARANCE & ODOR = Solid white or off-white crystalline material is odorless.

SPECIFIC GRAVITY (H₂O = 1) = 2.165
 %VOLATILE (By Volume) = NA
 EVAPORATION RATE = NA

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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

EXTINGUISHING MEDIA = NA
 EXPLOSIVE LIMITS = Not Explosive

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUES = Rats: Oral LD₅₀ = 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 = 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.

JUL 09 1993



Akzo Salt Inc.

Hardy® Zeo-Tabs® Salt

Manistee MI, production

Product data

Abington Executive Park • Clarks Summit, PA 18411

FD 5721
09-91

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 717-586-7792.

Properties

Chemical

Analysis ¹		
Component	Units	Typical
Sodium Chloride ²	%	99.8

Physical

Sieve Analysis ¹		
US Mesh	Opening Inches	Percent Retained (Typical)
4	0.187	95

(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	800-548-5618	FAX 717-587-5831
TOLEDO, OH (Ohio)	800-472-7020	FAX 419-882-8821
(Outside Ohio)	800-537-7043	
ATLANTA, GA	800-241-7066	FAX 404-457-8676
CHICAGO, IL (Illinois)	800-433-0919	FAX 708-297-6087
(Outside Illinois)	800-621-4293	
SALT LAKE CITY, UT	800-458-6214	FAX 801-269-0082
GROCERY PRODUCTS (US)	800-548-5615	FAX 800-544-9975
(Canada)	800-621-7822	
EXPORT	800-234-4506	FAX 203-767-7119
AKZO SALT INC	717-587-5191	FAX 717-586-6278
		TELEX 831-872