

37000001

MATERIAL SAFETY DATA SHEET

PRODUCT: TEAL-SORB_{AC} (Acid Neutralizing Absorbent)

Created 03/01/2007 / Revised 07/30/2009

COMPANY IDENTIFICATION AND CHEMICAL PRODUCT

Manufacturer's Name: Innovative Environmental Telephone Number: 815-967-4400
 Address: 317 Peoples Ave Fax: 815-967-4404
 Rockford, IL 61104 EMERGENCY: 262-719-2513

COMPOSITION/INFORMATION ON INGREDIENTS FOR: TEAL-SORB_{AC} (Acid Neutralizing)

Chemical Name: Alumina Silicate	CAS#: 1318-02-1	(All Zeolites- excluding Erionite)	% of Finished Product: 40-60%
	CAS#: 12173-10-03	(Natural Zeolites- excluding Erionite)	
Sodium Carbonate	CAS#: 497-19-8	(Sodium Carbonate, Anhydrous)	% of Finished Product: 40-60%

TLV and PEL: For Both Alumina Silicate & Sodium Carbonate

OSHA PEL-TWA: 15mg/M3 Total Particulate	Ingredient Name: Alumina Silicate & Sodium Carb.
5mg/M3 Respirable Fraction	Hazardous Components: None
ACGIH TLV-TWA: 10 mg/M3 OTHER: NA	Hazardous Classification: Not Classified

Hazardous Identification (Degree of Hazard: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4= Severe)

HMIS: Health = 2, Flammability = 0, Physical Hazard = 0, Personal Protection (PPE) = B (Safety Glasses & Gloves)

SUMMARY: Prolonged & repeated exposure to excessive concentrations of this product's dust or any nuisance dust can cause chronic pulmonary disease. Dust contact with eyes may cause temporary scratching or redness. This product is NOT classified as a carcinogen by NTP or IARC. This product may contain crystalline silica at below detectable levels (<0.1%) CAS No. 14808-60-7as it is derived from natural minerals.

Medical Conditions Which May Be Aggravated: Pre-existing upper respiratory and lung disease such as, but not limited to bronchitis, emphysema and asthma. Target Organs: Lungs, Eyes. **Acute Health Effects:** Transitory upper respiratory or eye irritation. **Chronic Health Effects:** Prolonged and repeated exposures to excessive concentrations of product dust in excess of the PEL/TLV can cause chronic pulmonary disease.

Primary Entry Route (s): Inhalation, dust contact with eyes. **Inhalation:** Irritation in throat and nose. In extreme exposures some congestion may occur. Seek medical attention if difficulty breathing. **Eyes:** Temporary Irritation or Inflammation, long term exposure may lead to corneal opacities. **Skin Contact:** May irritate people with sensitivities or skin abrasions. **Skin Absorption:** NA **Ingestion:** Do not induce vomiting. Rinse mouth with water. Dilute by giving 1-2 glasses of water. Never give anything by mouth to an unconscious person. **Pertaining to Sodium Carbonate Only:** Dermal LD 50: No Data; Oral LD 50: 4,090 mg/kg (rat); Inhalation LD 50: 2.3 mg/l (2h)(rat).

FIRST AID MEASURES:

Inhalation: Remove to fresh air. Drink water to clear throat and blow nose to evacuate dust. **Eyes:** Do not rub eyes. Flush eyes with large quantities of water. If irritation persists consult a physician. **Skin Contact:** Wash hands and skin **Skin Absorption:** NA **Ingestion:** As stated in Primary Entry Routes Section.

FIRE FIGHTING MEASURES:

Extinguishing Media: None if product unused. If used to collect flammable liquids, then consult MSDS(s) of liquid collected. **Specific Fire Fighting Procedures:** None if product unused. If used to collect flammable liquid, then consult MSDS(s) of flammable liquid collected. **Unusual Fire and Explosion Hazards:** None if product unused. If used to collect flammable liquid, then consult MSDS(s) of flammable liquid **Hazardous Combustion Products:** Fumes of Sodium Oxide **Flash Point:** Non-Flammable **Flammable limits:** Non-Flammable **Auto Ignition Temperature:** NA **LEL:** None **UEL:** NONE **NFPA Flammable/Combustible liquid Classification:** NA **Unusual Fire or Explosion Hazards:** None

EXPOSURE CONTROL/ PERSONAL PROTECTION

Goggles: Eye Protection recommended **Gloves:** Recommended (Consult MSDS of liquid being absorbed) **Respirator:** Not Required **Ventilation:** Use sufficient natural or mechanical ventilation to keep dust level below PEL Other: If dusty conditions exist, NIOSH approved protective equipment is advisable. NOTE: Long term exposure to ANY dust may lead to long term respiratory damage. Always consult the MSDS of the spilled liquid before making a choice about Personal Protective Equipment!

PHYSICAL & CHEMICAL PROPERTIES

Boiling Point: NA **Vapor Pressure:** (mm Hg): NA **Vapor Density:** (AIR=1): NA **Solubility in water:** Insoluble in water **Specific Gravity:** (H2O=1): .08 - .20 **Melting Point:** 2000 degrees F **Evaporation Rate:** (Butyl Acetate=1): NIL **Appearance and Odor:** White Powder, no odor **PH:** 6.5-7.5

TOXICOLOGICAL INFORMATION

Summary: Prolonged and repeated exposure to excessive concentrations of this product's dust or any nuisance dust can cause chronic pulmonary disease. Dust contact with eyes may cause temporary scratchiness or redness. Long term contact with eyes may cause corneal opacities. This product has not been classified as a carcinogen by NTP or IARC

PRECAUTION FOR SAFE HANDLING, USE, DISPOSAL, & REACTIVITY:

NOTE: NEVER USE TEAL-SORB_{AC} WITH HYDROFLUORIC ACID

Steps to be taken in case material is released or spilled: Sweep or vacuum and dispose of as for any inert, non-carcinogenic solid waste. **Waste Disposal Method:** If unused TEAL-SORB, then no special disposal procedure necessary. After product has been used to collect liquid materials; dispose in compliance with MSDS(s) of the liquid collected. **Precautions to be taken in handling and storage:** Avoid emptying bags in windy areas. Keep dry before use. **Other precautions:** Non in unused form. After product has been used to collect liquid materials, consult MSDS(s) of the liquid collected. Dispose of in accordance to local, state, federal, and international guidelines.

REGULATORY INFORMATION OSHA Hazard Communication Standard, 29 CFR 1910. 1200: See hazard identification of this MSDS **RCRA:** This material is not defined as Hazardous waste per 40CFR261 **TSCA:** Material listed in TCSA inventory; naturally occurring chemical substances are automatically included. Excluded from reporting requirements **CERCLA:** Material is not reportable under CERCLA **SARA:** 311/312 hazard categories-non-found, 313 reportable ingredients-none California Proposition 65: Not Applicable

The information on this MSDS Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of this material which is not in conformance with this MSDS, or which involves using the material in combination with any other process is the responsibility of the user. However, no warranty or representation with the respect to such information is intended or given.