

MATERIAL SAFETY DATA SHEET

Date of Preparation: November 22, 2011 Public Date of Revision: April 2, 2014

Section 1: PRODUCT & COMPANY INFORMATION

Manufacturer: Ramsey Group Product Use: Spill Adsorber Product Name: Universal Neutralizer
www.ramsey-group.com

Section 2: HAZARDS IDENTIFICATION

Emergency Overview Granular material. Nuisance dust may irritate eyes, skin, respiratory tract

Potential Health Effects: No appreciable health or environment effects

Likely Routes of Exposure: Skin contact, eye contact, inhalation, and ingestion.

Eye: Contact with eyes may cause mild irritation

Skin: Contact with skin may cause mild irritation

Ingestion: Overdose may cause gastric distress, stomach pain, vomiting or diarrhea

Inhalation: May be irritating to respiratory tract

Chronic Effects: Large doses may produce systemic alkalosis

Signs & Symptoms: Symptoms may include discomfort, excess blinking and tear production vomiting or diarrhea.

Medical Conditions Aggravated By Exposure: None currently known.

Potential Environmental Effects: None currently known. Not GHS compliant

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: TRADE SECRET

Nuisance Clinoptilolite dust PEL=15 mg/m3 Crystalline silica, if measurable, <0.05%
Type of material: naturally occurring

Section 4: FIRST AID MEASURES

Eye Contact: Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open. Consult physician if necessary.

Skin Contact: Wash affected area with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

Inhalation: Remove to fresh air. Wash mouth and nasal passages with water repeatedly.

Ingestion: Do not induce vomiting. Seek medical attention if overdose is taken. Never give anything by mouth to unconscious person.

General Advice: In case of accident or if you do not feel well, seek medical advice immediately. (Show the label or SDS where possible.)

Note to Physicians: Symptoms should appear immediately.

Section 5: FIRE FIGHTING MEASURES

Flammability: Not flammable or combustible

Means of Extinction:

Suitable Extinguishing Media: Dry chemical or carbon dioxide.

Unsuitable Extinguishing Media: Not available.

Products of Combustion: Evolves carbon dioxide when heated. Decomposes to soda ash which is an irritant.

Explosion Data: N/A Compounds of carbon, hydrogen, oxygen.

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Protection of Firefighters: Keep upwind of fire. Wear full fire fighting turn-out gear and respiratory protection.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: Avoid migration of product into bodies of water with fish
Methods for Containment: Place into approved containers. Recover and segregate product for reuse.
Methods for Clean-Up: Sweep or vacuum
Other Information: Not available.

Section 7: HANDLING AND STORAGE

Handling: Always wear appropriate personal protective equipment. Keep container closed when not in use.
Storage: Store in cool dry place away from incompatible chemicals.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines Provide general or local exhaust ventilation to control airborne dust.
Engineering Controls: Not available.
Personal Protective Equipment:
Eye / Face Protection: Wear safety goggles with side shields or face shields.
Hand Protection: Wear chemical resistance gloves.
Skin & Body Protection: Wear suitable protective clothing. Apron or body suit if conditions require.
Respiratory Protection: In case of insufficient ventilation, an N95 particulate mask desirable
General Hygiene Considerations: Handle according to established industrial hygiene and safety practices. Follow good personal hygiene

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Granule	Lower Flammability Limit:	N/A
Color:	light brown	Upper Flammability Limit:	N/A
Odor:	None	Vapor Pressure:	N/A
Odor Threshold:	N/A	Vapor Density:	N/A
Physical State:	Granule	Specific Gravity:	2.2 - 2.4
pH:	8-9	Solubility in Water:	Partial
Viscosity:	N/A	Coefficient of Water / Oil Distributi	N/A
Freezing Point:	N/A	Auto-ignition Temperature:	N/A
Boiling Point:	N/A	Percent Volatile, wt. %:	None
Flash Point:	N/A	VOC content, wt. %:	None
Evaporation Rate:	N/A		

Section 10: STABILITY AND REACTIVITY

Stability: Stable
Conditions of Reactivity: High temperatures
Incompatible Materials: Uncontrolled exposure to strong acids
Decomposition Products: Carbon dioxide, soda ash, salt

Section 11: TOXICOLOGY INFORMATION

EFFECTS OF ACUTE EXPOSURE: Large doses have produced systemic alkalosis and/or expansion in the extra-cellular fluid volume with edema
Not GHS Compliant

Section 12: ECOLOGICAL INFORMATION

No significant environmental hazards expected

Section 13: DISPOSAL CONSIDERATIONS

Disposal Instructions:

Dispose in accordance with local, state and federal regulations.

Section 14: TRANSPORTATION INFORMATION

DOT Classification: Not regulated

TDG Classification: Not regulated

Section 15: REGULATORY INFORMATION

Federal Regulations: US: SDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).

NFPA - National Fire Protection Association: Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe,

	Health 1	Fire 0	Reactivity 0	4=extreme
TSCA	All listed	Cal Prop 65	None present causing cancer or reproductive toxicity	
		WHMIS not controlled		

Section 16: OTHER INFORMATION

Disclaimer: The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use. All information provided is based on testing and data believed to be accurate.

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