



# SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS, OSHA 29CFR 1910.1200

## Section 1: Chemical Product and Company Identification

### MANUFACTURER'S NAME

Ramsey Group, Inc.  
32 Old Shoals Road  
Arden, North Carolina 28704

### 24 HR-EMERGENCY TELEPHONE

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Safety Data Sheet Competent Person:

DATE PREPARED: May 24, 2014

REVISION DATE: **March 12, 2015**

PRODUCT NAME:

## NEUTRALIZING ACID ADSORBER

FORMULA:

Preparation/Mixture

PRODUCT USE:

Neutralize & Solidify Acid Spills

## Section 2: Hazards Identification

### GHS Hazard Class

Not Applicable. This product does not meet the physical, health, or environmental classification criteria of GHS (Globally Harmonized System).

Signal word:

Not Applicable

Hazard Statement:

Not Applicable

Precautionary Statements:

Prevention	No Precautionary statement
Response	No Precautionary statement
Storage	No Precautionary statement
Disposal	No Precautionary statement

GHS Statement Amorphous Aluminum Silicate does not contain harmful substance listed in GHS (Quartz, if measurable, <0.1%)

HAZARD CLASSIFICATION:

Not classified as hazardous based on IATA, IMDG, and DOT.

FIRE AND EXPLOSION:

Not considered flammable or combustible.

POTENTIAL HEALTH EFFECTS:

<0 % of mixture consists of ingredients of unknown acute toxicity

INGESTION:

May be harmful if swallowed.

INHALATION:

May be harmful if inhaled.

SKIN CONTACT:

May cause skin irritation. May be harmful if absorbed through skin.

EYE CONTACT:

Eye irritation may result.

OTHER:

None

CHRONIC EFFECTS OF OVEREXPOSURE:

Inhalation of high levels of nuisance dust over long periods may cause lungs to be vulnerable to lung disease

APPEARANCE:

White / brown granules

NFPA Rating:

Component	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
Neutralizing Acid Adsorber	0	0	0	---



### Section 3: Composition, Information on Ingredients

PRODUCT COMPOSITION	APPRX %	ACGIH TLV	OSHA PEL	NIOSH REL	CAS NO.	EINECS/ELINCS	DANGER SYMBOL	RISK PHRASE	DSL CANADA	TSCA
Chemical A	Trade Secret	-----	-----	-----	Trade Secret	Trade Secret	-----	-----	Y	Y
Chemical B	Trade Secret	-----	-----	-----	Trade Secret	Trade Secret	-----	-----	Y	Y

Trade Secret (TS) Some items on this SDS may be designated as trade secrets. Bonafide requests for disclosure of trade secret information to medical personnel must be made in accordance with the provisions contained in 29 CFR 1910.1200 I 1-13. The full text for all R-Phrases is shown in Section 16.

### Section 4: First Aid Measures

**INHALATION:** Remove to fresh air. If not breathing, provide CPR (cardio pulmonary resuscitation). Get immediate medical attention.

**SKIN CONTACT:** Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing.

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists seek medical attention.

**INGESTION:** If swallowed do not induce vomiting, give large quantities of water to drink. Never give anything to an unconscious person. Seek medical attention if overdose is taken.

### Section 5: Fire-fighting Measures

**FLASH POINT:** Not applicable

**FLAMMABLE LIMITS IN AIR (% by vol):** Not applicable

**EXTINGUISHING MEDIA:** Dry Chemical Powder or Carbon Dioxide (avoid soda water fire extinguishers)

**SPECIAL FIREFIGHTING PROCEDURES:** Evolves carbon dioxide when heated. Sodium bicarbonate decomposes on heating to soda ash, an irritant.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Material does not burn. Use extinguishing agent suitable for the type of surrounding fire. Avoid the use of water if batteries are in the area.

### Section 6: Accidental Release Measures

#### ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wear proper protective equipment as specified in Section 8: Exposure Controls/Personal Protection  
Warn other workers of spill and contain spill.  
Sweep up waste material.  
Avoid migration of spilled material into waterways and/or sewers.

**DISPOSAL METHOD:** Disposal should be made in accordance with federal, state and local regulations.



## Section 7: Handling and Storage

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

- Wear proper protective equipment and avoid contact with skin, eyes, or clothing.
- Wash hands after handling this material.
- Follow all applicable local regulations for handling and storage.
- Avoid uncontrolled contact with acids. Reacts generating carbon dioxide.

INFORMATION ON EMPTIED CONTAINER: Not applicable

SPECIFIC USES: Neutralize & Solidify Acid Spills

## Section 8: Exposure Controls/Personal Protection

VENTILATION:	Always provide good general, mechanical room ventilation where this chemical/material is used.
SPECIAL VENTILATION CONTROLS:	Use this mixture with local exhaust ventilation at points where vapors can be released into the workspace air.
RESPIRATORY PROTECTION:	No respiratory protection normally required. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Recommend the use of a NIOSH certified dust mask or particulate mask respirator if required.
PROTECTIVE GLOVES:	Wear chemical impervious gloves at all times while working with this product. Recommend gloves suitable for alkaline and acids.
EYE PROTECTION:	Safety Glasses, Chemical goggles, face shield
SKIN PROTECTION:	Suitable protective clothing to prevent skin contact
WORK/HYGIENE PRACTICES:	Avoid breathing dust. Avoid contact with eyes. Wash hands after handling.
EXPOSURE LIMITS	OEL not available for this mixture.
OTHER EQUIPMENT:	Safety shower, eyewash station, hand washing equipment recommended for this work area.

## Section 9: Physical and Chemical Properties

APPEARANCE - COLOR:	White/brown
PHYSICAL STATE:	Granular
ODOR:	None

### PRODUCT CRITERIA

ODOR THRESHOLD	Not applicable for product
PH	8
FLASH POINT:	Not applicable for product
LOWER EXPLOSIVE LIMIT; UPPER EXPLOSIVE LIMIT	Not applicable for product
FLAMMABILITY (Solid, gas)	Not applicable for product
EXPLOSIVE PROPERTIES	Not applicable for product
OXIDIZING PROPERTIES	Not applicable for product
SPECIFIC GRAVITY (@25 °C):	~2
EVAPORATION RATE:	Not applicable for product
% VOLATILE by VOLUME	Not applicable for product
PARTITION COEFFICIENT	Not applicable for product
AUTO IGNITION TEMPERATURE	Not applicable for product



DECOMPOSITION TEMPERATURE	Not applicable for product
BOILING POINT:	Not applicable for product
MELTING POINT:	Not applicable for product
VAPOR PRESSURE	Not applicable for product
VAPOR DENSITY (AIR = 1)	Not applicable for product
SOLUBILITY IN WATER:	Partial
WATER SOLUBILITY IN THE SOLVENT	Not applicable for product
FREEZING POINT:	Not applicable for product
VISCOSITY	Not applicable for product
VOC CONTENT	Not applicable for product

## Section 10: Stability and Reactivity

### STABILITY:

Stable under normal conditions.

### CONDITIONS TO AVOID:

Uncontrolled exposure to acids

### INCOMPATIBILITY (MATERIALS TO AVOID):

None

### HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide and carbon dioxide

### HAZARDOUS POLYMERIZATION:

Reacts with hydrofluoric acid to forms silicon tetra-fluoride gas.

## Section 11: Toxicological Information

There is no toxicological information available for the product mixture.

GHS Required Criteria	Toxicity Criteria Constituent	Toxicity Information	Comments	Chemical
Acute Toxicity	LD50 Oral Rat	4220 mg/kg		Chemical A
Skin Corrosion/Irritation		Data not available		
Serious Eye Damage / Eye Irritation	Eye rabbit	Mild eye irritation	30 sec	Chemical A
Respiratory or Skin Sensitization	Human	Mild skin irritation	3 day	Chemical A
Germ Cell Mutagenicity		Data not available		
Carcinogenicity		Not listed	NTP	
		Not listed	IARC	
		Not listed	OSHA	
Reproductive Toxicity		Data not available		
STOST -- Single Exposure		Data not available		
STOST -- Repeated Exposure		Data not available		
Aspiration Hazard		Data not available		

STOST = Specific Target Organ Systemic Toxicity

### OTHER INFORMATION:

Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information.



## Section 12: Ecological Information

Chemical

<b>BIODEGRADATION:</b>	No information is available.	
<b>BIOACCUMULATION:</b>	No information is available.	
<b>ECO TOXICITY:</b>		
	48-hour LC50 (Culex sp. Larvae or mosquito) = 2 000 mg/I	Chemical A
	96-hour LC50 (Lepomis macrochirus) = 7 100 mg/I	Chemical A
<b>MOBILITY:</b>	No information is available.	

## Section 13: Disposal Considerations

### WASTE FROM RESIDUES / UNUSED PRODUCTS:

Follow the waste disposal requirements of your country, state, or local authorities.

## Section 14: Transport Information

**DOT TRANSPORT:** Not Regulated

**ADR = International Carriage of Dangerous Goods by Road** Not Regulated

**RAIL TRANSPORT:** Not Regulated

**SEA TRANSPORT:** IMDG Not Regulated

**AIR TRANSPORT:** IATA/ICAO Not Regulated

## Section 15: Regulatory Information

Directive 1999/45/EC

**LABEL FOR SUPPLY:**



**IRRITANT**

**RISK PHRASES:**

<b>R-Phrase:</b>	<b>R36</b>	Irritating to Eyes
	<b>R38</b>	Irritating to Skin
<b>S-Phrase:</b>	<b>S24</b>	Avoid contact with Skin
	<b>S25</b>	Avoid contact with Eyes

**TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:**

This product is in compliance with rules, regulations, and orders of TSCA. All components are listed on the TSCA Inventory.

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III SECTION 313**

**SUPPLIER NOTIFICATIONS:**

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the Emergency Planning and Community Right To Know Act of 1986 and 40 CFR 372. This information must be included in all SDS's that are copied and distributed for the material.

The Section 313 toxic chemicals contained in this product are: None



**CALIFORNIA PROPOSITION 65:**

This regulation requires a warning for California Proposition 65 chemical(s) under the statute.  
The California proposition 65 chemical(s) contained in this product are: None

**STATE RIGHT-TO-KNOW TOXIC SUBSTANCE OR HAZARDOUS SUBSTANCE LIST:**

Florida Toxic Substance(s):	Not listed
Massachusetts's hazardous substance(s):	Not listed
Pennsylvania hazardous substance code(s):	Sodium Bicarbonate
New Jersey	Sodium Bicarbonate
Illinois	Not listed
Michigan	Not listed

**CANADA:**

This SDS will be non-compliant 3 years after the issue date. This SDS contains all of the information required by the Controlled Products Regulations (CPR).

**WHMIS-INFORMATION:**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR), SOR/88-66, Current to February 20, 2012. The classes of controlled products listed in the CPR, Section 32, Part IV, have been reviewed and based on Professional Judgment this product has been determined to not be WHMIS controlled.

**EUROPEAN UNION:**

This product has been reviewed for compliance with the following European Community Directives: REACH 1907/2006; Directive 1999/45/EC, Regulation (EC) No 1272/2008 on classification, labeling, and packaging (CLP) of substances and mixtures.

WGK: 0 (German Federal Water Management Act) (Water Hazard Class)

## Section 16: Other Information

**European Community Hazards Identification:**

R:	None
S:	None
Danger Symbol(s):	None

Revision Comments:	24 hour Emergency Contact Complete
Revision Number:	2
Information Sources:	RTECS, REACH, OSHA 29CFR 1910.1200

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