



SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS REVISION 5, OSHA 29CFR 1910.1200

Section 1: Chemical Product and Company Identification

MANUFACTURER'S NAME

Ramsey Group, Inc
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Safety Data Sheet Competent Person:

DATE PREPARED: March 8, 2015

REVISION DATE: August 1, 2017

PRODUCT NAME: **Fizz pHree**
FORMULA: Preparation/Mixture
PRODUCT USE: Neutralize & Solidify Acid Spills

Section 2: Hazards Identification

GHS Hazard Class

Toxic to Reproduction—Category 2
Hazardous to the Aquatic Environment—Short Term (Acute) Hazard -- Category 3
Hazardous to the Aquatic Environment—Long Term (Chronic Hazard)-- Category 3
Eye Irritation Category 2



Signal word:

Warning

Hazard Statement:

H360D Suspected of damaging fertility or the unborn child
H402 Harmful to aquatic life
H412 Harmful to Aquatic Environment—Long lasting effects
H319 Causes serious eye irritation
P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves/protective clothing; eye protection/face protection
P273 Avoid release to the environment
P264 Wash hands thoroughly after handling
P308 + P313 If exposed or concerned: Get medical attention/advice.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P405 Product is secured in tamper proof/sealed container by the manufacturer.
P501 Follow the waste disposal requirements of your country, state, or local authorities.

Precautionary Statements: Prevention

Response

Storage

Disposal

CHRONIC EFFECTS OF OVEREXPOSURE:

No additional information

APPEARANCE:

White and brown granules

Hazards not otherwise classified (HNOC) or not covered by GHS:

No additional information

NFPA Rating:

Component	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
Fizz pHree	1	0	0	----



Section 3: Composition, Information on Ingredients

PRODUCT COMPOSITION	APPRX %	CAS NO.	EINECS/ ELINCS	DSL CANADA	TSCA
Chemical A	Trade Secret	Trade Secret	Trade Secret	Y	Y
Chemical B	Trade Secret	Trade Secret	Trade Secret	Y	Y
Chemical C	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

Description of First Aid Measures

INHALATION:	Remove to fresh air. Seek medical attention if irritation persists
SKIN CONTACT:	Flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation occurs.
EYE CONTACT:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. If irritation persists seek medical attention.
INGESTION:	Rinse mouth. Do not induce vomiting. If you feel unwell, contact a doctor or poison control center.

Most important symptoms and effects, both acute and delayed

Symptoms/Injuries After Inhalation	May cause respiratory tract irritation.
Symptoms/Injuries After Skin Contact	May cause skin irritation. Symptoms may include redness, drying, defatting, and cracking of the skin.
Symptoms/Injuries After Eye Contact	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/Injuries After Ingestion	May be harmful if swallowed. May cause stomach distress, nausea, or vomiting.

Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately.

Section 5: Fire-fighting Measures

Suitable extinguishing media	Dry Chemical Powder or Carbon Dioxide (avoid soda water fire extinguishers if batteries are in the area)
Special hazards arising from the substance or mixture	No data available.
Protective actions fire-fighters	Wear standard protective equipment and self contained breathing apparatus for firefighting if necessary.
Further information	May produce boron compounds if in surrounding fire. 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

Personal precautions, protective equipment, and emergency procedures

Wear proper personal protective equipment.

Environmental precautions

Warn other workers of spill and contain spill.
Avoid migration of spilled material into waterways and/or sewers.

Methods and materials for containment and cleaning up

Sweep up waste material.

Reference to other Sections For personal protection reference section 8. For disposal reference section 13.

Section 7: Handling and Storage

Precautions for safe handling

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. Exothermic reaction..

Conditions for safe storage, including any incompatibilities

Store in a dry location. Keep containers tightly closed.

Specific uses: Neutralize & Solidify Acid Spills

Section 8: Exposure Controls/Personal Protection

Control Parameters

PRODUCT COMPOSITION	ACGIH TLV	OSHA PEL	NIOSH REL
Chemical A	2 mg/m ³	10 mg/m ³	1 mg/m ³
Chemical B	Trade Secret	Trade Secret	Trade Secret
Chemical C	Trade Secret	Trade Secret	Trade Secret

Exposure controls

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

	PRODUCT CRITERIA
APPEARANCE - COLOR:	White/brown
PHYSICAL STATE:	Granular
ODOR:	None
ODOR THRESHOLD	Not Available for product
PH	~10
MELTING POINT/FREEZING POINT:	Not Available for product
INITIAL BOILING POINT AND BOILING RANGE:	Not Available for product
FLASH POINT:	Not Available for product
EVAPORATION RATE:	Not Available for product
FLAMMABILITY (Solid, gas)	Not Available for product
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Not Measured
VAPOR PRESSURE	Not Available for product
VAPOR DENSITY (AIR = 1)	Not Available for product
RELATIVE DENSITY (@25 °C):	~2
SOLUBILITY(IES)	Partial
OXIDIZING PROPERTIES	Not Available for product
PARTITION COEFFICIENT: n-octanol/water	Not Available for product
AUTO IGNITION TEMPERATURE	Not Available for product
DECOMPOSITION TEMPERATURE	Not Available for product
VISCOSITY	Not Available for product

Section 10: Stability and Reactivity

Reactivity:	Not reactive.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	Will not occur
Conditions to Avoid:	Uncontrolled exposure to acids. Avoid high temperatures.
Incompatibility (Materials to Avoid):	Reacts with strong reducing agents generating hydrogen gas.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide

Section 11: Toxicological Information

There is no toxicological information available for the product mixture.

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical Constituent
Acute Toxicity	LD50 (Dermal Rabbit)	>2000 mg/kg		Chemical A
	LD50 Oral Rat	2400 mg/kg		Chemical A
	LD50 Oral Rat	>2000 mg/kg		Chemical B
	LC50 Inhalation Rat	>2.1 ml/m ³		Chemical B
Skin Corrosion/Irritation		Mild skin irritation	3 day	Chemical A
Serious Eye Damage / Eye Irritation	Eye albino rabbits, 5 of 6	Mild erythema & discharge All subside by 4 th day	OECD Test 406	Chemical A
Respiratory Sensitization		Data not available		
Germ Cell Mutagenicity		Data not available		
Carcinogenicity		Not listed	NTP	
		Not listed	IARC	
		Not listed	OSHA	
Reproductive Toxicity		Toxin Class 1B	EU CLP 6,700 ppm	Chemical A
		Fetotoxicity Presumed human reproductive toxicant		Chemical A
		Reproductive toxicity - Rat - Oral Paternal Effects: Testes, epididymis, sperm duct. Paternal Effects: Prostate, seminal vesicle, Cowper's gland, accessory glands. Presumed human reproductive toxicant.		Chemical A
STOT -- Single Exposure		Data not available		



STOT – Repeated Exposure		Data not available		
Aspiration Hazard		Data not available		

STOT = Specific Target Organ 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

Toxicity:	Rainbow trout (<i>S. gairdneri</i>) 24 day LC50 = 150.0 mg B/L 36 day NOEC-LOEC++ = 0.75-1 mgB/L	Chemical A
	Goldfish (<i>Carassius auratus</i>) 7 day NOEC-LOEC = 26.50 mg B/L 3 day LC50 = 178 mg B/L	Chemical A
	Daphnids 48 hour LC50=133 mg B/L 21 day NOEC-LOEC = 6-13 mg B/L	Chemical A
	LC50 fish 1 1293 mg/l <i>Onchorinchua mykiss</i>	Chemical B
	EC50 Daphnia 1254.76 mg/l	Chemical B
	LC50 fish 2 511.31 mg/l <i>P. promelas</i>	Chemical B
	ErC50 (algae) > 100 mg/l	Chemical B
Persistence and degradability:	No information is available.	
Bioaccumulative potential	No information is available.	
Mobility in soil:	No information is available.	
PBT and vPvB assessment:	Not considered to bioaccumulate or to be persistent in the environment	Chemical A
Other adverse effects:	Other adverse effects: Avoid release to the environment	Chemical B

Section 13: Disposal Considerations

Waste from residues/unused products: Follow the waste disposal requirements of your country, state, or local authorities.

Contaminated packaging: Contaminated packaging material should be disposed of as stated above for residues and unused product.

Rinsate: Dispose of according to your country, state, or local wastewater regulations.

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

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 NOTIFICATION:

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):	Chemical A
Pennsylvania hazardous substance code(s):	Chemical A
New Jersey	Chemical A
Illinois	Not listed
Michigan	Not listed
Minnesota	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 be WHMIS controlled.

D2A D2B. Ingredient Disclosure List: Chemical A. DSL Status: Listed

EUROPEAN UNION:

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

Chemical A is listed on the EU's REACH SVHC (Substances of Very High Concern) chemicals list (as of June 16, 2014).

Section 16: Other Information

Full text of R-phrases and Safety Phrases referred to in Section 3

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

Initial issue date:	March 8, 2015
Final revision date:	March 19, 2015
Revision Number:	0
Revision explanation	Added emergency contact
Information Sources:	RTECS, ECHA, REACH, OSHA 29CFR 1910.1200

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