

Safety Data Sheet

Flush-OUT

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Flush-OUT

Product Number: 2045

Publish Date: 4/1/2020

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Product Use: Pet Urine Stain Remover & Deodorizer for Carpet Fibers

Manufacturer: RAW PreSpray, LLC, 400 Detroit St., La Porte, IN 46350

For More Information Call: 615-669-4211 (Monday-Friday 8:00-4:30)

In Case of Emergency Call: Emergency Line: 615-424-0757 (24 Hours/Day, 7 Days/Week)

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous according to the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Target Organs: Eyes, Skin, Respiratory system

Signal Words: Danger

Pictograms:



GHS Classification

Acute toxicity: Oral Category 4

Serious eye damage/eye irritation: Category 1

Oxidizing Solids: Category 3

Skin Corrosion: Category 3 (Causes mild skin irritation)

GHS Label Elements, including precautionary statements:

Hazard Statements:

H272 May intensify fire; oxidizer.

H302 Harmful if swallowed.

H318 Causes serious eye damage.

Precautionary Statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.....

P220 Keep/Store away from clothing and other combustible materials.....

P221 Take any precaution to avoid mixing with combustibles.....

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.....

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.....

P283 Wear fire/flame resistant/retardant clothing.

P301+P312 IF SWALLOWED: Call a POISON Center or doctor/physician if you feel unwell

Rinse mouth

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor/physician.

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local regulations.

NFPA Ratings

Health 3

Flammability 0

Reactivity 1

Specific hazard OX

HMIS Ratings

Health 3

Fire 0

Reactivity 1

Personal D

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Name: Yell-OUT

% by Weight	Component	CAS Number
60-99%	Sodium Percarbonate	15630-89-4

4. FIRST-AID MEASURES

General Advice: National Capital Poison Center in the United States can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222

Eye Contact: Flush eyes with water for 15 minutes. Immediate medical attention is required. Call a physician immediately.

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention. If skin irritation persists, call a physician.

Ingestion: Harmful if swallowed. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Obtain medical attention.

5. FIREFIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media: Water. CO₂ may be of no value in extinguishing fires involving oxidizers and may only provide limited control.

Unsuitable Extinguishing Media: Halons. Foam. Dry powder.

Special hazards arising from the substance or mixture: Burning will produce oxygen, sodium oxides and oxygen. Do not breathe fumes. Containers may explode when exposed to heat.

Advice for firefighters: Wear full protective clothing and equipment including NIOSH-approved self-contained breathing apparatus with full facial shield operated in pressure demand and/or positive pressure mode. Respirator with an independent air-supply including airtight garment is required during fire-fight.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Do not walk through spilled material. Wear appropriate personal protective equipment, avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate the area before entry.

Emergency Procedures: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). As an immediate precautionary measure, isolate spills or leak area for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away.

Environmental precautions: Prevent entry into waterways, sewers, basements or confined areas.

Methods of material for containment and cleaning up: Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading. Sweep up and shovel. Use appropriate tools to put the spilled material in a suitable chemical waste disposal container. Thoroughly clean contaminated surface. Dispose of to local codes and regulations.

Reference to the sections: Refer to other sections of this SDS for exposure control/Personal Protection and Disposal Considerations.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid skin, eye and respiratory contact. Handle product with care. Use regular hygiene after handling: wash hands with soap and water.

Precautions for Safe Storage: Store product in sealed container out of the reach of children. Keep in a cool, dry and well ventilated area. Keep away from excessive heat and humidity.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls:

Components	CAS-No.	OSHA	NIOSH	ACGIH	AIHA WHEEL
Sodium Carbonate	15630-89-4	None	None	None	None

Personal Protective Equipment

Eyes protection: Goggles safety glasses with side-shields.

Respiratory protection: Effective dust mask. Wear respirator with dust filter. Be sure to use an approved/certified respirator or equivalent.

Skin and body protection: Chemical resistant apron. Long sleeved clothing. Gloves.

Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

Other Recommendations

Provide eyewash stations, quick-drench showers and washing lavatories accessible to areas of use and handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Medium dense powder

Odor: Odorless

Odor threshold: Not applicable

pH: 10 to 11 pH

Melting point/freezing point: Not available

Initial boiling point and boiling range: Not available

Flash point: Not available

Evaporation rate: Not available

Flammability (solid, gas): No information available

Upper/lower flammability or explosive limit: No information available

Vapor pressure: No information available

Vapor density: Not available

Relative density: Not available

Solubility: Soluble in water

Partition coefficient: n-octanol/water: Not available

Auto-ignition temperature: Not applicable

Decomposition temperature: Not available

10. STABILITY AND REACTIVITY

Reactivity: Oxidizer. Reacts with reducing agents, organic material, combustible, materials, and powdered metals. Reactive with strong acids. May react with water to evolve heat.

Sodium perborate reacts with acids to form hydrogen peroxide.

Sodium perborate undergoes hydrolysis (reacts or decomposes) in contact with water, producing hydrogen peroxide sodium borate. This action is aided by the alkaline solution also produced by the reaction.

Sodium percarbonate can self-heat if the rate of heat generation exceeds the rate of heat lost to the surrounding environment. If the temperature exceeds 50 deg. C; release of oxygen and steam; pressure build up if it is confined in an unvented container; fire, in the presence of combustible materials.

Sodium percarbonate dissolved in water decomposes and releases hydrogen peroxide and sodium carbonate.

Chemical stability: Material is stable under recommended storage conditions.

Possibility of hazardous reactions: Hazardous polymerization does not occur. Contact with combustible materials (wood, paper, oil, clothing, etc.) may cause fire, and may release toxic and/or corrosive fumes. Contact with powdered metals may cause fire or explosion. Can react vigorously on contact with reducing materials.

Conditions to avoid: Exposure to moisture. Exposure to water. Contact with combustible materials (wood, paper, oil, clothing, etc.). Heat, flames, sparks. Incompatible materials.

Incompatible materials: Water. Reducing agents. Organic materials. Combustible materials. Heavy metal salts. Powdered metals. Acids.

Hazardous decomposition products: Carbon monoxide, carbon dioxide, sodium oxides, hydrogen peroxide, oxygen. Sodium percarbonate decomposes very slowly to form sodium carbonate, water, oxygen, heat.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Sodium Percarbonate	CAS-No. 15630-89-4
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Oral: LD50: (rat) 1034 mg/kg
Inhalation: No data available
Skin Irritation: No data available

Information on likely routes of exposure

Inhalation: May cause respiratory tract irritation. May cause respiratory stimulation or depression. Repeated or prolonged exposure may cause sore throat and nosebleeds.

Skin Contact: Mild skin irritation. Repeated or prolonged exposure may cause dryness or cracking of the skin.

Eye Contact: Severe eye irritation. Risk of serious eye damage to eyes. May cause conjunctivitis. May cause corneal damage.

Ingestion: Harmful if swallowed. Irritating to the mouth, throat and stomach. May cause abdominal pain, nausea, vomiting, diarrhea. May affect behavior/central nervous system (ataxia, somnolence), respiration (dyspnea, respiratory depression).

12. ECOLOGICAL INFORMATION

Ecotoxicity

Exotoxicity effects: Aquatic environment.
Sodium Percarbonate CAS-No. 15630-89-4

Freshwater Fish Species Data: 70.7 mg/L LC50 Pimephales promelas 96 h static 1
Water Flea Data: 4.9 mg/L EC50 Daphnia pulex 48 h

Persistence and Degradability: Not available

Bioaccumulative Potential: Not available

Mobility in Soil: Not available

PBT and vPvB Assessment: Not available

Other Adverse Effects: Not available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product and packaging waste: Dispose of content and/or container in accordance with local, regional and national codes and regulations.

14. TRANSPORTATION INFORMATION

DOT

UN-No: UN3378

Proper Shipping Name: Sodium carbonate peroxyhydrate

Hazard Class: 5.1

Subsidiary Class: No information available

Packing group: III

Emergency Response Guide: 140

Number

Marine Pollutant: No data available

DOT RQ (lbs): No information available

Special Provisions: B120, IB8, IP3, T1, TP33

Symbol(s): No information available

Description: UN3378, Sodium carbonate peroxyhydrate, 5.1, III

15. REGULATORY INFORMATION

TSCA Inventory Status: All ingredients are listed on the TSCA inventory.

DSCL (EEC): All ingredients are listed on the DSCL inventory.

California Proposition 65: Not Listed

SARA 302: Listed: Hydrogen Peroxide

SARA 304: Listed: Hydrogen Peroxide

SARA 311: Acute Health Hazard, Reactivity Hazard

SARA 312: Acute Health Hazard, Reactivity Hazard

SARA 313: Listed: Hydrogen Peroxide

WHMIS Canada: Class C: Oxidizing Material. Class D-2B: Toxic Material Causing Other Toxic Effects

16. OTHER INFORMATION

Disclaimer: Information on this Safety Data Sheet (SDS) has been obtained by originating material manufacturers and/or published data. All information herein is believed to be accurate; however, RAW PreSpray, LLC makes no guarantee as to complete content accuracy. Users of Yell-OUT are responsible for ensuring data is accurate to their particular usage. Users of Yell-OUT are fully responsible for risks associated with product use including but not limited to shipping, handling, storage, disposal, clean up. RAW PRESpray LLC MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING (WITHOUT LIMITATION) WARRANTIES WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN OR WITH RESPECT TO FITNESS FOR ANY PARTICULAR USE.