

# SAFETY DATA SHEET

This SDS is prepared in accordance with OSHA 29 CFR 1910.1200



SDS (Pictograms)

CLASS E Corrosive Material @ >1%	HCS CLASS: Irritating Substance
SDS (Classification) Corrosive	HCS

## Section 1. Chemical Product and Company Identification

Product Name/Trade Name	<b>NUCLEAR MEGA BOOST</b>	Code	<b>288</b>
Synonym	Alkaline Detergent	CAS #	Not Applicable.
Chemical Family	High alkaline/caustic detergent	Validation Date	1/1/2019
EPA Reg. Number	n/a	In Case of Emergency	Chemtrec 800.424.9300
Manufacturer/Supplier	Acme Soap Company 4351 Director Drive San Antonio, TX 78219 210-731-9800	Protective Clothing 	
TSCA	TSCA Inventory: All components listed or are exempt from listing		
DSL/NDSL	All components listed unless noted elsewhere on this SDS		

## Section 2. Information on Hazardous Ingredients

Name	CAS #	% by Weight	Exposure Limits	TLV
Sodium Hydroxide	1310-73-2	20-30	OSHA PEL None	2 mg/m3 C
Patassium Hydroxide	1310-58-3	5-10	OSHA PEL None	2 mg/m3 C

## Section 3. Hazards Identification

Emergency Overview	Brown heavy liquid. Corrosive to the eyes, skin, gastrointestinal tract and respiratory system.
Potential Acute Health Effects	
Skin:	Causes corrosive burns. Brief exposure may cause irritation and defatting of the skin.
Eyes:	Causes burns and may result in permanent injury to eyes including blindness.
Ingestion:	May be harmful if swallowed including gastrointestinal irritation, nausea, vomiting and diarrhea.
Inhalation:	Mists and vapors can irritate the throat and respiratory tract. High vapor concentrations may cause central nervous system effects. Symptoms may include headaches, dizziness and drowsiness.

## Section 4. First Aid Measures




Eye Contact	Immediately flush eyes with running water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention.
Skin Contact	Remove and wash contaminated clothing before reuse. Rinse skin immediately with plenty of water.
Inhalation	If symptoms are present, move to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration if possible
Ingestion	Do not induce vomiting. Drink water in large amounts and call a physician immediately. Avoid alcohol. Never give anything by mouth to an unconscious person.
Note to physician:	Probable mucosal damage may contraindicate the use of gastric lavage.

## Section 5. Fire Fighting Measures

Products of Combustion	Not flammable.
Fire Fighting Media and Instruction	Use whatever media that is compatible with surrounding materials.
Special Remarks on Fire Hazards	Irritating and toxic gases or fumes may be released during a fire.
Special Remarks on Explosion Hazards	N/A

Section 6. Accidental Release Measures	
Small Spill and Leak	Dike and contain spill with inert material (sand, earth, etc.) collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.
Large Spill and Leak	Ventilate area and contain spill with inert material (sand, earth, etc.). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Floor will be extremely slippery. Do not touch or walk through spilled material. Thoroughly rinse affected area with water.
Personal Protection in Case of a Large Spill	Approved safety goggles or glasses. Natural rubber or synthetic gloves. Boots are recommended.

Section 7. Handling and Storage	
Precautions	Do not contaminate food or water by storage or disposal. Store only in original container. See label instructions for container disposal. Do not reuse empty container. Do Not Breath Spray Mist.
Incompatibility	Any acid product. Aluminum materials.
Storage	Keep out of reach of children. Do not contaminate food or water by storage or disposal. Store only in original container. Do not reuse empty container. See label for container disposal.

Section 8. Exposure Controls/Personal Protection	
Engineering Controls	Good general ventilation should be sufficient to control airborne levels. Eye wash station is recommended.
Personal Protection:	Eyes Splash Goggles.
	Body Apron is recommended.
	Respiratory If exposure limits are exceeded or if irritation persists, NIOSH approved respiratory protection should be worn.
	Hands Gloves (natural rubber or synthetic)
Protective Clothing (pictogram)	  

General: Eye wash fountain and emergency shower are recommended.

Section 9. Physical and Chemical Properties			
Physical State and Appearance	Liquid.	Odor	Mild alkaline
Molecular Weight	Not applicable		
pH	13.50 - 14.00	Color	Clear to golden
Boiling/Condensation Point	212° F (100° C)		
Melting/Freezing Point	Not applicable		
Critical Temperature	Not Available.		
Instability Temperature	Not Available.		
Specific Gravity	1.50+		
Vapor Pressure	Not Available.		
Vapor Density	Estimated to be heavier than air.		
Volatility	75-95		
VOC	Not Available.		
Evaporation Rate	Not Available.		
Dispersion Properties	Not available.		
Solubility	Complete in water		
The Product is:	Stable		
Auto-ignition Temperature	None		
Flash Points	None		
Flammable Limits	Not applicable		
Fire Hazards in Presence of Various Substances	No specific information is available in our database regarding the flammability of this product in the presence of various materials.		

**Explosion Hazards in Presence of  
Various Substances**


No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.

Section 10. Stability and Reactivity Data	
Stability	This product is stable.
Incompatibility with Various Substances	Keep away from acids, heat and strong oxidizing agents. Avoid contact with aluminum
Hazardous Decomposition Products	Thermal decomposition may produce oxides of carbon.

Section 11. Toxicological Information									
Routes of Entry	Skin absorbtion, Ingestion, Inhalation								
Acute Effects on Humans	<table border="0"> <tr> <td>Eyes</td> <td>Corrosive</td> </tr> <tr> <td>Skin</td> <td>Corrosive</td> </tr> <tr> <td>Inhalation</td> <td>No unusual vapor hazards.</td> </tr> <tr> <td>Ingestion</td> <td>1850 mg/kg for male and female rats combined.</td> </tr> </table>	Eyes	Corrosive	Skin	Corrosive	Inhalation	No unusual vapor hazards.	Ingestion	1850 mg/kg for male and female rats combined.
Eyes	Corrosive								
Skin	Corrosive								
Inhalation	No unusual vapor hazards.								
Ingestion	1850 mg/kg for male and female rats combined.								
Chronic Effects on Humans	Not Available.								
Special Remarks on Chronic Effects on Humans	No additional remark.								

Section 12. Ecological Information	
Ecotoxicity	Very toxic to aquatic organisms
BOD5 AND COD	Not available.
Products of Biodegradation	Not available.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	Product is biodegradable.

Section 13. Disposal Considerations	
Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available

Section 14. Transport Information	
DOT (U.S.A.) 8 Corrosive (Pictograms)	
TDG Classification	Corrosive Compound Cleaning Liquid
PIN UN, Proper Shipping Name, PG	Shipping name: UN1814,8, PG II, Sodium Hydroxide Solution
Maritime Transportation	Not available.
Special Provisions for Transport	Not available.

**Section 15. Other Regulatory Information and Pictograms**

<b>(Classification)</b>											
Material causing other toxic effects.											
<b>Regulatory Lists</b>		No products were found.									
<b>Other Regulations</b>		OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).									
<b>Other Classifications</b>	HCS (U.S.A.)	HCS CLASS: Irritating Substance									
	USA Regulatory Lists	SARA Title III Section 302 Extremely Hazardous Chemicals: None Section 311/312 Hazard Category: Immediate Health Hazard Section 313 Toxic Chemicals: None State Regulations: None Known									
DSD (EEC)		<u>Controlled Product Hazard Class:</u>									
International Regulations Lists											
<b>Hazardous Material Information System (U.S.A.)</b>	<table border="1"> <tr> <td>Health</td> <td>2</td> <td>National Fire Protection Association (U.S.A.)</td> </tr> <tr> <td>Flammability</td> <td>0</td> <td></td> </tr> <tr> <td>Physical Hazard</td> <td>1</td> <td></td> </tr> </table>	Health	2	National Fire Protection Association (U.S.A.)	Flammability	0		Physical Hazard	1		<p>Specific Hazard</p>
Health	2	National Fire Protection Association (U.S.A.)									
Flammability	0										
Physical Hazard	1										
The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.											

**Section 16. Other Information**

Prepared by Tom Stratil	Verified by Tom Stratil
Date of Issue:	1/1/2019
Information Contact	Acme Soap Company 1206 Fulton Avenue San Antonio, TX 78201

Notice to Reader  
*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.  
 Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*





















