

SAFETY DATA SHEET

1. Product and Company Identification

Product Name	SCUM BUSTER
Product Number	553
Product Type	Mixture
Product Use	Liquid Alkaline Cleaner Degreaser
Manufacturer/Supplier	National Purity, LLC. 6840 Shingle Creek Parkway, Suite #23 Brooklyn Center, MN 55430
Company Contact	
Emergency Telephone Number	1-800-255-3924
Email	customerservice@nationalpurity.com

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910 OSHA HCS

Flammable liquid, (Category 4) H227
Acute toxicity, Oral (Category 4) H302
Skin irritation, (Category 5) H313
Eye irritation, (Category 2B) H320
Respiratory irritation (Category 3) H335
Acute aquatic toxicity, (Category 3) H402

GHS Label elements, including precautionary statements

Pictogram



Signal word Warning

Hazard Statements

H227	Combustible liquid.
H302	Harmful if swallowed. May cause corrosive damage to mouth, throat, or stomach.
H313	May be harmful in contact with skin.
H320	Causes eye irritation.
H335	May cause respiratory irritation.
H402	Harmful to aquatic life.

Precautionary Statements

Prevention

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.

P273	Avoid release to the environment.
Response	
P370+P378	In case of fire, use procedures proper for the primary source of the fire. Treat as an alkaline material.
P312	Call a POISON CENTER/doctor if skin irritation occurs or if feeling unwell.
P301+P310	IF SWALLOWED, immediately call a POISON CENTER/doctor. DO NOT INDUCE VOMITING. Drink 1-2 glasses of water or milk. Never give anything to an unconscious person.
P305+P351+P338	IF IN EYES, rinse cautiously for several minutes. Remove contact lenses if present.
P337+P313	If eye irritation persists: Get medical advice/attention.
P304+P340	IF INHALED: remove person to fresh air and keep comfortable for breathing.
Storage/Disposal	
P403+P340	Store in a well ventilated place. Keep container tightly closed.

3. Composition/Information on Ingredients

The criteria for listing components in this section are: Ingredients that meet the criteria for carcinogenic, toxic to reproduction, or specific target organ toxicity and components otherwise considered hazardous according to OSHA which exceed the cut off limits for SDS specified by the criteria for mixtures are listed. Non hazardous components are not listed. This is not a composition disclosure. Exact percentages are considered proprietary and a trade secret.

Hazardous Components	CAS#	Classification	%
2-Butoxyethanol	111-76-2	H227, H335	6-8%
Sodium metasilicate	6834-92-0	H302, H313, H320, H402	1-3 %
(Nonylphenoxy) polyethylene oxide	127087-87-0	H320, H313, H401	1-2%

4. First Aid Measures

Description of First Aid Procedures

General Advice	Consult a physician. Show this SDS to the doctor.
In Case of Eye Contact	Flush with cool running water for 15 minutes. If irritation persists, get medical attention.
In Case of Skin Contact	Flush with cool water. If irritation occurs, get medical attention.
If Ingested	Drink one or two glasses of water,. Do not induce vomiting. Obtain medical attention. Never give anything by mouth to an unconscious person.
If Inhaled	Move person to fresh air. If breathing difficulty persists, consult a physician.
Notes to Physician	Symptoms may be delayed.
General advice	Seek medical attention if feeling unwell. Show the SDS to the physician in attendance.

5. Fire-fighting Measures

Flammable properties	Combustible
Extinguishing media	Use dry chemical, foam, carbon dioxide or water fog.
Protection of firefighters	Firefighters should wear protective clothing including self contained breathing apparatus
Hazardous combustion products	May include and not limited to oxides of carbon, and nitrogen.
Unusual Fire, Explosion hazards	Containers may melt or rupture from heat of fire. May form combustible mixtures with air when heated.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personal away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled containers unless wearing protective Clothing.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers.

Methods for cleaning up

Before attempting clean up, refer to hazard data given above. Small spills may be mopped up and rinsed. Large spills may be absorbed with non reactive absorbent and placed in suitable , covered, labeled containers. Rinse area with water. Never return spill to original container for reuse.

Environmental precautions

7. Handling and Storage

Precautions for Safe Handling

Use good industrial hygiene practices when handling this material. Wash contaminated clothing before reuse.

Conditions for Safe Storage

Keep container closed when not in use. Keep out of reach of children. Keep away from heat or sources of ignition.

8. Exposure Controls and Personal Protection

Exposure Limits

Ingredients	CAS#	OSHA PEL	ACGIH TLV
Sodium metasilicate	6834-92-0	15 mg/m ³ TWA (Total dust)	
2-Butoxyethanol	111-76-2	Not available	
(Nonylphenoxy)polyethylene oxide	127087-87-0	Not available	

Engineering controls

General ventilation normally adequate

Personal protective equipment

Eye/Face protection

Wear safety glasses with side shields if splash conditions exist.

Hand protection

Generally not required

Skin and body

As required by employer code.

Respiratory protection

Use a NIOSH approved respirator when exposure guidelines are exceeded.

General hygiene considerations

Handle in accordance with good industrial hygiene practices. Do not eat or drink when using product. Wash hands well before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance/form	Clear liquid
Color	Green
Odor	Solvent odor
Odor threshold	Not established
pH	10.6-11.0 (concentrate)
Melting/freezing point	Not established
Initial Boiling point	≈212° F. (100° C.)
Flash point	145° F. (62.8° C.) TCC
Evaporation rate	Not established
Flammability	Combustible
Upper/lower flammability or Explosive limits	Not established
Vapor pressure	Not established
Vapor density	Not established
Specific gravity/density	1.02-1.04
Vapor density	Not established
Solubility in water	Complete
VOC	< 10%
% Volatile	Approx. 95%

Other Safety Information

10. Stability and Reactivity

Reactivity

Chemical Stability

Stable under normal storage conditions.

Hazardous reactions	None known
Conditions to avoid	Heat, sparks, or open flame. Do not mix with other chemicals.
Incompatible materials	Strong acids, alkalis, strong oxidizing agents and amines.
Hazardous decomposition products	May include but not limited to oxides of carbon, and nitrogen.
Hazardous polymerization	Will not occur.

11. Toxicological Information

Ingredients	LC50
Sodium metasilicate	Not available
2-Butoxyethanol	Not available
Ingredients	LD50
Sodium metasilicate	1153 mg/kg (Oral-Rat)
Sodium metasilicate	770 mg/kg (Oral-mouse)
(Nonylphenoxy)polyethylene oxide	3989-5000 mg/kg (Oral-rat)
Effects of acute exposure	
Eye	Will cause eye irritation
Skin	May cause irritation.
Ingestion	Harmful if swallowed. May cause corrosive damage to mouth, throat and stomach.
Inhalation	May cause irritation of nose and throat.
Sensitization	Non hazardous.
Chronic effects of short and long Term exposure	Prolonged exposure to skin may cause drying, defatting and irritation.
Carcinogenicity	Does not contain ingredients considered carcinogenic by NTP, IARC, or OSHA.
Mutagenicity	Non hazardous.
Reproductive effects	Non hazardous.
Teratogenicity	Non hazardous.

12. Ecological Information

Eco-toxicity	Ecological effects for this product have not been analyzed. However, if spilled this product and any contaminated soil may be harmful to aquatic life. Sodium metasilicate is harmful to aquatic life in very low concentrations.
Sodium metasilicate	LC50 (Mosquito fish) = 530mg/L. LC50 (Waterflea) 48 hours = 113mg/L
Environmental effects	Not Available
Aquatic toxicity	Not Available
Persistence and Degradability	
Sodium metasilicate	Will persist in aquatic and terrestrial systems
Bioaccumulation/accumulation	Not Available
Partition coefficient	Not Available
Mobility in environmental media	Not Available
Chemical fate information	Not Available
Other adverse effects	Not Available

13. Disposal Considerations

Waste codes	Not Available
Disposal instructions	Dispose in accordance with local, state, and federal regulations
Wastes from residues/unused product	Containerize. Rinse area with water. Keep out of storm sewer/waterways.
Contaminated packaging	Dispose in accordance with all applicable regulations.

14. Transport Information

Basic shipping requirements:	Not DOT regulated for land shipments.
Proper shipping name	
Hazard class	

UN number
Packing group
Special provisions
Packaging exceptions

15. Regulatory Information

U.S federal regulations	This product has been classified in accordance with the Occupational Safety and Health Administration hazard criteria and the SDS contains all of the information required by OSHA. HCS 2012
TSCA	All ingredients are listed on the Toxic Substances Control Act.
SARA Title III Section 311&312	Immediate (Acute) Health Hazard
States Right to Know	Reportable chemicals: Sodium metasilicate

Inventory Status

Countries	Inventory Name	On Inventory (Yes/No)*
U.S.	CIL	Yes
Canada	DSL	Yes
Europe	NLP	Yes
Australia	AICS	Yes
Japan	ENCS	Yes
China	CIS	Yes

- A "Yes" indicates that all of the components of this product comply with the inventory requirements administered by the governing country(s) listed.

16. Other Information

HMIS RATING

HMIS Legend

Severe	4	Health	2
Serious	3	Flammability	1
Moderate	2	Reactivity	0
Slight	1	Personal Protection	B
Minimal	0		

Disclaimer

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