

SAFETY DATA SHEET

1. Product and Company Identification

Product Name	DAZZLE PLUS FLOOR CLEANER
Product Number	275
Product Type	Mixture
Product Use	Neutral pH anti static floor cleaner
Manufacturer/Supplier	National Purity, LLC. 6840 Shingle Creek Parkway, Suite #23 Brooklyn Center, MN 55430
Company Contact	612-672-0022
Emergency Telephone Number	1-800-255-3924
Email	customerservice@nationalpurity.com

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910 OSHA HCS

Skin corrosion/irritation, (Category 2) H315
 Eye damage/irritation, (Category 2) H318
 Hazardous to the aquatic environment, short term (category acute 2) H401

GHS Label elements, including precautionary statements

Pictogram	None required
Signal word	Warning
Hazard Statements	
H315	Causes skin irritation
H318	Causes serious eye damage
H320	Causes eye irritation.
H401	Toxic to aquatic life
Precautionary Statements	
Prevention	
P264	Wash hands thoroughly after handling.
H273	Avoid release to the environment.
Response	
P332+P313	If skin irritation occurs, get medical advice/attention.
P305+P351+P338	IF IN EYES, rinse cautiously for several minutes. Remove contact lenses if present. Continue rinsing.
P337+P313	If eye irritation persists, Get medical advice and attention.
Storage/Disposal	
P501	Dispose of contents/container in accordance with local, regional and federal regulations.

3. Composition/Information on Ingredients

The following are criteria for inclusion into this list: 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. Nonhazardous components are not listed. This is not a composition disclosure. Exact percentages are considered proprietary and a trade secret.

Hazardous Components	CAS#	Classification	%
Sulfonic acids, C14-16-alkane	68439-57-6	H315, H318	1-5%

hydroxy and C14-16-alkene, sodium salts
 Nonylphenol, ethoxylated 127087-87-0 H314, H318, H401 1-3%

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. Remove contact lenses if present. Get medical attention.
In Case of Skin Contact	Rinse thoroughly with cool running water. Get medical attention if irritation occurs or persists.
If Ingested	Rinse mouth with water. Do not induce vomiting. Obtain medical attention if feeling unwell.
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	None
Extinguishing media	Use methods appropriate to the source of the fire.
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, sulfur, 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.
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, dike area to prevent from spreading. Absorb with non reactive absorbent and place in suitable, covered, and labeled container. Rinse area with water. Never return spill to original container.
Environmental precautions	Avoid spills. Keep out of waterways.

7. Handling and Storage

Precautions for Safe Handling	Use good industrial hygiene practices when handling this material. Avoid contact with eyes.
Conditions for Safe Storage	Keep container closed when not in use.

8. Exposure Controls and Personal Protection

Exposure Limits			
Ingredients	CAS#	OSHA PEL	ACGIH TLV
Sulfonic acids, C14-16-alkane	68439-57-6	Not available	Not available
hydroxy and C14-16-alkene, sodium salts			
Nonylphenol, ethoxylated	127087-87-0	Not available	Not available
Engineering controls	General ventilation normally adequate.		
Personal protective equipment			

splash conditions exist.

Eye/Face protection

Wear goggles or safety glasses with side shields if

Hand protection
Skin and body

None generally required.
 Not required with normal use.

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. Rinse 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	Blue
Odor	Citrus
Odor threshold	Not established
pH	6.5-7.5 (concentrate)
Melting/freezing point	Not established
Initial Boiling point	≈212° F. (100° C.)
Flash point	> 200° F. (93° C.) Estimated
Evaporation rate	< 1 (butyl acetate = 1)
Flammability	Not flammable
Upper/lower flammability or Explosive limits	Not applicable
Vapor pressure	Not established
Vapor density	Not established
Specific gravity/density	1.005-1.007
Solubility in water	Complete
VOC	< 2%
% Volatile	Approx 95%

Other Safety Information

10. Stability and Reactivity

Reactivity	Not known to be reactive.
Chemical Stability	Stable under normal storage conditions.
Hazardous reactions	None known.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Strong acids, strong oxidizing agents.
Hazardous decomposition products	May include but not limited to oxides of carbon, and nitrogen.
Hazardous polymerization	Will not occur.

11. Toxicological Information

Ingredients	LC50
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	No data available
Nonylphenol, ethoxylated	No data available

Ingredients	LD50
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	> 5000 mg/kg Acute oral (Rat)
Nonylphenol, ethoxylated	3,989-5,000 mg/kg (Oral-rat), 3,228-5,000 mg/kg (Dermal-rabbit)
Eye	Causes eye irritation.
Skin	Causes mild skin irritation.
Ingestion	Not expected to be harmful upon ingestion.
Inhalation	Not expected to be harmful upon inhalation.
Sensitization	No data available.
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	No data available.
Reproductive effects	No data available.
Teratogenicity	No data available.

12. Ecological Information

Eco-toxicity	Ecological effects for this product have not been analyzed. However, this product is expected to be toxic to the aquatic environment.
Aquatic toxicity	
Nonylphenoxy polyethylene oxide	LC50 Fish (fathead minnow): 1.6-24 mg/l 96 hour LC50 Water flea (Daphnia magna): 23.1-71.8 mg/l 48 hour EC50 Water flea (Daphnia magna): 23.1 mg/l 48 hour
Environmental effects	No data available.
Persistence and Degradability	No data available.
Bioaccumulation/accumulation	No data available.
Partition coefficient	No data available.
Mobility in environmental media	No data available.
Chemical fate information	No data available.
Other adverse effects	No data 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
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 or are exempt from listing.

**CERCLA Super Fund
 40 CFR 117.302**

Product contains a material with a Reportable Quantity (RQ): None

SARA Title III Section 311&312

Immediate (Acute) Health Hazard:
 Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts
 (CAS #: 68439-57-6)
 Nonylphenol, ethoxylated (CAS #: 127087-87-0)
 Delayed (Chronic) Health Hazard:
 Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts
 (CAS #: 68439-57-6)

SARA Title III Section 313

Ingredients are subject to the reporting requirements of section 313 of Title III
 SARA: None

States Right to Know

Reportable chemicals: None identified.

California Proposition 65

This product does not contain intentional ingredients known to the state of California to cause cancer. However, it does contain trace amounts of chemicals known to the state of California to cause cancer, birth defects, or reproductive defects. The following chemicals are present as residuals:
Ethylene Oxide (CAS #: 75-21-8)
1,4-Dioxane (CAS #: 123-91-1)
Nitrilotriacetic acid, trisodium salt (CAS #: 5064-31-3)
2-Methoxyethanol (CAS #: 109-86-4)
Naphthalene (CAS #: 91-20-3)

Inventory Status

Countries
 U.S.
 Canada

Inventory Name
 CIL
 DSL

On Inventory (Yes/No)*
 Yes
 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
 Serious 3
 Moderate 2
 Slight 1

Health	1
Flammability	0
Reactivity	0
Personal Protection	0

Minimal 0

Disclaimer

To the best of our knowledge, the information included herein is accurate. However, neither the above named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the 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.

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Supersedes date

Previous issues

Reason for update

Update section 15