



NATIONAL PURITY, LLC.
6840 SHINGLE CREED PKWY, STE 23
BROOKLYN CENTER, MN 55430
(612) 672-0022

SAFETY DATA SHEET

1. Product and Company Identification

Product Name	AQ-260 AQUAPHASE RINSE AGENT
Product Number	P153
Product Type	Mixture
Product Use	Commercial dishwashing additive for preventing spots on dinnerware.
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

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910 OSHA HCS

Acute toxicity, Oral (Category 5) H303,
Eye damage/irritation, (Category 2B) H320
Skin corrosion/irritation (Category 3) H316
Acute aquatic toxicity, (Category 2) H401

GHS Label elements, including precautionary statements

Pictogram None required

Signal word Warning

Hazard Statements

H303 May be harmful if swallowed .
H320 Causes eye irritation.
H316 May cause mild skin irritation
H401 Toxic to aquatic life.

Precautionary Statements

Prevention

P264 Wash and rinse hands thoroughly. Avoid hand contact with eyes while washing hands.

P273 Avoid release to the environment.

Response

P312 IF SWALLOWED, call a POISON CENTER/doctor if feeling unwell.

P332+P313 If skin irritation occurs, get medical attention.

P305+P351+P337+P313 IF IN EYES, rinse cautiously for several minutes. Remove contact lenses if present. Continue rinsing. If eye irritation persists, Get medical advice and attention.

Storage/Disposal

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



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	%
Alcohols, C8-C10, ethoxylated propoxylated	68603-25-8	H303, H320	20-40%
Sodium alkylphenylene sulfonate	Proprietary	H303, H316, H320, H401	1-5%

4. First Aid Measures

Description of First Aid Procedures

General Advise	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. If irritation occurs, get medical attention.
In Case of Skin Contact	Flush with cool water. If irritation occurs, get medical attention.
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 occurs, 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	Not flammable below boiling points
Extinguishing media	Water spray or fog, carbon dioxide, foam or dry chemicals.
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.
Unusual Fire, Explosion hazards	Evacuate the area promptly. Cool containers exposed to heat. Containers may melt or rupture from heat of fire.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personal away. Do not touch or walk through spilled material. Avoid contact with skin, eyes and clothing.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers. Eliminate all ignition sources (no smoking, sparks, or flames) in area.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Small spills, may be absorbed with non reactive absorbent and placed in suitable container for disposal. 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. Use in well ventilated area. Do not breath vapors or spray. Avoid prolonged or repeated contact with skin. Avoid release to the environment.
Conditions for Safe Storage	Keep container closed when not in use. Store at temperatures below 120° F. (50° C.)



8. Exposure Controls and Personal Protection

Exposure Limits

Ingredients	CAS#	OSHA PEL	ACGIH TLV
Alcohols, C8-C10, ethoxylated propoxylated	68603-25-8	Not available	Not available
Sodium alkylnaphthalene sulfonate	Proprietary	Not available	Not available

Engineering controls

General ventilation normally adequate.

Personal protective equipment

Eye/Face protection

None usually required under normal use conditions. Wear safety glasses with side shields when splash conditions exist.

Hand protection

None usually required.

Skin and body

Generally not required.

Respiratory protection

Generally not required.

General hygiene considerations

Handle in accordance with good industrial hygiene practices.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance/form	Clear liquid
Color	Blue
Odor	Mild odor
Odor threshold	Not established
pH	3.0-3.2 (Concentrate)
Melting/freezing point	Not established
Initial Boiling point	Not established
Flash point	> 200° F. (93° C.)
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	1.045
Solubility in water	Complete
VOC	< 1%
% Volatile	Approx. 77%

Other Safety Information

10. Stability and Reactivity

Reactivity	Not reactive under normal use and storage.
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.
Hazardous polymerization	Will not occur.



11. Toxicological Information

Ingredients

Alcohols, C8-C10, ethoxylated propoxylated
Sodium alkylnapthalene sulfonate

LC50

Not available
Not available

Ingredients

Alcohols, C8-C10, ethoxylated propoxylated
Sodium alkylnapthalene sulfonate

LD50

Not available
Not available

Effects of Acute Exposure-

Eye

Causes eye irritation.

Skin

May cause mild skin irritation.

Ingestion

May be harmful if swallowed. May cause irritation of gastrointestinal tract.

Inhalation

No data available

Sensitization

Not known to be a sensitizer.

Chronic effects of short and long Term exposure

Prolonged exposure to skin may cause drying, defatting and irritation.

Carcinogenicity

Intentionally added ingredients are not considered carcinogenic by NTP, IARC or OSHA. Product may contain trace amounts (< 0.0003%) of ethylene oxide (CAS#75-21-8) a suspected human carcinogen and (<0.0006%) of propylene oxide (CAS#75-56-9) which is anticipated to be a human carcinogen.

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, if spilled this products ingredients are harmful to aquatic life.

Environmental effects:

No data available.

Aquatic toxicity:

Although no data is available, the ingredients of this products are expected to be moderately toxic to aquatic life.

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



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.	
SARA Title III Section 311&312 SARA Title III Section 313	Immediate (Acute) Health Hazard. This product does not contain any chemical components with known CAS#'s that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
California Proposition 65	This product does contain chemicals known to the state of California to cause cancer. Product may contain trace amounts (< 0.0003%) of ethylene oxide (CAS#75-21-8) a suspected human carcinogen and (<0.0006%) of propylene oxide (CAS#75-56-9) which is anticipated to be a human carcinogen.	
States Right To Know Components	Reportable chemicals: None known.	
Inventory Status		
Countries	Inventory Name	On Inventory (Yes/No)*
U.S.	CIL	Yes
Canada	DSL	Yes
<ul style="list-style-type: none">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
Minimal	0

Health	1
Flammability	0
Reactivity	0
Personal Protection	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.

Issue date

March 5, 2015

Supersedes date

Previous issues

Reason for update

Conform to GHS OSHA HCS 2012

Expiration date

March 5, 2018