

SAFETY DATA SHEET

1. Product and Company Identification

Product Name	ULTRA VELOCITY CONCENTRATE
Product Number	411
Product Type	Mixture
Product Use	Liquid cleaner for automatic car washes
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

Acute toxicity, Oral (Category 5) H303,
 Skin irritation, (Category 3) H316
 Eye irritation, (Category 2B) H320
 Respiratory irritation (Category 3) H335

GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard Statements

H303 May be harmful if swallowed.
 H316 Causes mild skin irritation.
 H320 Causes eye irritation.
 H335 May cause respiratory irritation.

Precautionary Statements

Prevention

P264 Wash hands thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P261 Avoid breathing mist/vapors/spray.
 P273 Avoid release to the environment.

Response

P301+P312+P330 IF SWALLOWED, immediately call a POISON CENTER/doctor. DO NOT INDUCE VOMITING. Rinse mouth with water.
 P332+P313 If skin irritation occurs, get medical attention

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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 advise and attention

P304+P340+P312

IF INHALED: remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if having difficulty breathing or feeling unwell.

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. 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 hydroxy and C14-16-alkene, sodium salts	68439-57-6	H301, H314, H318, H412	1-5%
Cocamidopropyl Hydroxysultaine	68139-30-0	H318	1-3%
Alcohols, C6-C12, ethoxylated	68439-45-2	H312, H319	< 2%
D-Glucopyranose, oligomeric, decyl octyl glycoside	68515-73-1	H315, H318	< 3%
D-Glucopyranose, oligomeric C10- 16-alkyl glycosides	110615-47-9	H315, H318	< 2%
Glutamic acid, N,N-diacetic acid, tetra sodium salt	51981-21-6	H290	< 1%

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. Get immediate medical attention.
In Case of Skin Contact	Rinse thoroughly with cool running water. Remove contaminated clothing. Get medical attention if irritation persists.
If Ingested	Rinse mouth with water. Do not induce vomiting. Obtain immediate 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	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, 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, 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, skin and clothing. Wash contaminated clothing before reuse.
Conditions for Safe Storage	Keep container closed when not in use. Keep out of reach of children.

8. Exposure Controls and Personal Protection

Exposure Limits	CAS#	OSHA PEL	ACGIH TLV
Ingredients Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	68439-57-6	Not available	Not available
Cocamidopropyl Hydroxysultaine	68139-30-0	Not available	Not available
Alcohols, C6-C12, ethoxylated	68439-45-2	Not available	Not available
D-Glucopyranose, oligomeric, decyl octyl glycoside	68515-73-1	Not available	Not available
D-Glucopyranose, oligomeric C10- 16-alkyl glycosides	110615-47-9	Not available	Not available
2-Phenoxyethanol	122-99-6	Not available	Not available
Glutamic acid, N,N-diacetic acid, tetra sodium salt	51981-21-6	Not available	Not available
Engineering controls	General ventilation normally adequate.		
Personal protective equipment			
Eye/Face protection	Wear goggles or safety glasses with side shields if splash conditions exist. Have suitable eye wash water available.		
Hand protection	Wear impermeable gloves to prevent contact with skin.		
Skin and body	As required by employer code.		
Respiratory protection	Use a NIOSH approved respirator when exposure guidelines are exceeded.		

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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	Light amber-light yellow
Odor	Mint
Odor threshold	Not established
pH	9.00-10.00(dilution)
Melting/freezing point	Not established
Initial Boiling point	≈212° F. (100° C.)
Flash point	145° F. (62.8° C.) CC
Evaporation rate	< 1 (butyl acetate = 1)
Flammability	Not flammable
Upper/lower flammability or explosive limits	Not applicable
Vapor pressure	Not established
Vapor density	> 1
Specific gravity/density	1.01-1.05
Solubility in water	Complete
VOC	< 1%
% Volatile	Not established

Other Safety Information

10. Stability and Reactivity

Reactivity

Chemical Stability	Stable under normal storage conditions.
Hazardous reactions	None known.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Strong acids, alkalis, 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

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

LC50

Not available

Cocamidopropyl Hydroxysultaine

Not available

Alcohols, C6-C12, ethoxylated

Not available

D-Glucopyranose, oligomeric, decyl octyl glycoside

Not available

D-Glucopyranose, oligomeric C10- 16-alkyl glycosides

Not available

2-Phenoxyethanol

1,000 mg/m3 6 hours Inhalation

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Glutamic acid, N,N-diacetic acid, tetra sodium salt Not available

Ingredients

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

LD50

2310 mg/kg Oral (Rat), 6300 mg/kg Dermal (Rabbit)

Cocamidopropyl Hydroxysultaine

Not available

Alcohols, C6-C12, ethoxylated

> 2500 mg/kg Oral (Rat), > 1000 mg/kg Dermal (Rabbit)

D-Glucopyranose, oligomeric, decyl octyl glycoside

> 5000 mg/kg Oral (Rat), > 2000 mg/kg Dermal (Rabbit)

D-Glucopyranose, oligomeric C10- 16-alkyl glycosides

> 2000 mg/kg Oral (Rat)

2-Phenoxyethanol

1,850 mg/kg Oral (Rat)

Glutamic acid, N,N-diacetic acid, tetra sodium salt

> 5000 mg/kg Oral (Rat)

Eye

Causes eye irritation.

Skin

May cause mild skin irritation.

Ingestion

May be harmful if swallowed.

Inhalation

May cause respiratory irritation of nose and throat.

Sensitization

Nonhazardous.

Chronic effects of short and long

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

Term exposure

Carcinogenicity

Does not contain ingredients considered carcinogenic by NTP, or OSHA.

Nitrilotriacetic acid (0.02%): IARC possibly carcinogenic to humans 2B

Nonhazardous.

Mutagenicity

Nonhazardous.

Reproductive effects

Nonhazardous.

Teratogenicity

Nonhazardous.

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 and may have long lasting effects.

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

Not available

Cocamidopropyl Hydroxysultaine

Not available

Alcohols, C6-C12, ethoxylated

(Pimephales promelas (fathead minnow)): 9.4 mg/l 96 hours
 (Daphnia magna (Water flea)): 14.4 mg/l 48 hours

D-Glucopyranose, oligomeric, decyl octyl glycoside

EC50 Daphnia magna: > 100 mg/l 48 hours
 EC50 Marinewater invertebrates: 31.62 mg/l 48 hours
 EC50 Selenastrum capricornutum: 19.82 mg/l 72 hours
 EC50 Desmodesmus subspicatus: 37 mg/l 72 hours

D-Glucopyranose, oligomeric C10- 16-alkyl glycosides

EC50 Daphnia magna: 14 mg/l 48 hours
 EC50 Desmodesmus subspicatus: 25 mg/l 72 hours

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2-Phenoxyethanol

EC50 Daphnia magna (Water flea): > 500 mg/l 48 hours

Glutamic acid, N,N-diacetic acid, tetra sodium salt

LC50 O. mykiss (rainbow trout): > 100 mg/l 96 hours

Environmental effects	Not Available
Aquatic toxicity	Not Available
Persistence and Degradability	Not available
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	Contain. 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	Not all ingredients are listed on the Toxic Substances Control Act
CERCLA Super Fund 40 CFR 117.302	Product does not contain a material with Reportable Quantities (RQ)
SARA Title III Section 311&312	Immediate (Acute) Health Hazard Sulfonic acids, C14-16-alkane: CAS# 68439-57-6 hydroxy and C14-16-alkene, sodium salts

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2-Phenoxyethanol: CAS# 122-99-6

SARA Title III Section 313

Ingredients subject to the reporting requirements of section 313 of Title III SARA:

2-Phenoxyethanol CAS# 122-99-6

States Right to Know

Massachusetts Right To Know: 2-Phenoxyethanol (CAS: 122-99-6)

New Jersey Right To Know: 2-Phenoxyethanol (CAS: 122-99-6)

Pennsylvania Right To Know: 2-Phenoxyethanol (CAS: 122-99-6)

California Proposition 65

May contain detectable quantities of ethylene oxide, which is a chemical on the California Proposition 65 list. Residual concentration is < 1ppm. A Prop 65 warning is unnecessary.

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
Minimal	0

Health	1
Flammability	0
Reactivity	0
Personal Protection	B

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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