

## SAFETY DATA SHEET

### 1. Product and Company Identification

<b>Product Name</b>	<b>VELOCITY</b>
<b>Product Number</b>	<b>410</b>
<b>Product Type</b>	Mixture (Dilution)
<b>Product Use</b>	Liquid cleaner for automatic car washes
<b>Manufacturer/Supplier</b>	National Purity, LLC. 6840 Shingle Creek Parkway, Suite #23 Brooklyn Center, MN 55430
<b>Company Contact</b>	612-672-0022
<b>Emergency Telephone Number</b>	1-800-255-3924
<b>Email</b>	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  
 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  
 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

<b>General Advice</b>	Consult a physician. Show this SDS to the doctor.
<b>In Case of Eye Contact</b>	Flush with cool running water for 15 minutes. Remove contact lenses if present. Get immediate medical attention.
<b>In Case of Skin Contact</b>	Rinse thoroughly with cool running water. Remove contaminated clothing. Get medical attention if irritation persists.
<b>If Ingested</b>	Rinse mouth with water. <b>Do not induce vomiting.</b> Obtain immediate medical attention. Never give anything by mouth to an unconscious person.
<b>If Inhaled</b>	Move person to fresh air. If breathing difficulty persists, consult a physician. Symptoms may be delayed.
<b>Notes to Physician</b>	
<b>General advice</b>	Seek medical attention if feeling unwell. Show the SDS to the physician in attendance.

### 5. Fire-fighting Measures

<b>Flammable properties</b>	None
<b>Extinguishing media</b>	Use methods appropriate to the source of the fire.
<b>Protection of firefighters</b>	Firefighters should wear protective clothing including self-contained breathing apparatus
<b>Hazardous combustion products</b>	May include and not limited to oxides of carbon, and nitrogen.
<b>Unusual Fire, Explosion hazards</b>	Containers may melt or rupture from heat of fire. May form combustible mixtures with air when heated.

### 6. Accidental Release Measures

<b>Personal precautions</b>	Keep unnecessary personal away. Do not touch or walk-through spilled material. Do not touch damaged containers or spilled containers unless wearing protective Clothing.
<b>Methods for containment</b>	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**

Ingredients	CAS#	OSHA PEL	ACGIH TLV
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.

**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 yellow
Odor	Mint
Odor threshold	Not established
pH	10.00-11.00 (dilution)
Melting/freezing point	0° F (32° C)

<b>Initial Boiling point</b>	≈212° F. (100° C.)
<b>Flash point</b>	145° F. (62.8° C.) CC
<b>Evaporation rate</b>	< 1 (butyl acetate = 1)
<b>Flammability</b>	Not flammable
<b>Upper/lower flammability or</b>	Not applicable
<b>Explosive limits</b>	
<b>Vapor pressure</b>	Not established
<b>Vapor density</b>	> 1
<b>Specific gravity/density</b>	1.01-1.04
<b>Solubility in water</b>	Complete
<b>VOC</b>	< 1%
<b>% Volatile</b>	Not established

**Other Safety Information**

## 10. Stability and Reactivity

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

## 11. Toxicological Information

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<b>Ingredients</b>	<b>LC50</b>
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	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
Glutamic acid, N,N-diacetic acid, tetra sodium salt	Not available
<b>Ingredients</b>	<b>LD50</b>
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	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)

<b>Eye</b>	Causes eye irritation.
<b>Skin</b>	May cause mild skin irritation.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Inhalation</b>	May cause respiratory irritation of nose and throat.
<b>Sensitization</b>	Nonhazardous.
<b>Chronic effects of short and long Term exposure</b>	Prolonged exposure to skin may cause drying, defatting and irritation.
<b>Carcinogenicity</b>	Does not contain ingredients considered carcinogenic by NTP, or OSHA.
<b>Mutagenicity</b>	Nonhazardous.
<b>Reproductive effects</b>	Nonhazardous.
<b>Teratogenicity</b>	Nonhazardous.

## 12. Ecological Information

**Eco-toxicity** Ecological effects for this product have not been analyzed. However, if spilled this product's 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
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

<b>Environmental effects</b>	Not Available
<b>Aquatic toxicity</b>	Not Available
<b>Persistence and Degradability</b>	Not available
<b>Bioaccumulation/accumulation</b>	Not Available
<b>Partition coefficient</b>	Not Available
<b>Mobility in environmental media</b>	Not Available
<b>Chemical fate information</b>	Not Available

**Other adverse effects** Not Available

### 13. Disposal Considerations

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

### 14. Transport Information

<b>Basic shipping requirements:</b>	Not DOT regulated
<b>Proper shipping name:</b>	
<b>Hazard class</b>	
<b>UN number</b>	
<b>Packing group</b>	
<b>Special provisions</b>	
<b>Packaging exceptions</b>	

### 15. Regulatory Information

<b>U.S federal regulations</b>	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
<b>TSCA</b>	Not all ingredients are listed on the Toxic Substances Control Act
<b>CERCLA Super Fund 40 CFR 117.302</b>	Product does not contain materials with Reportable Quantities (RQ)
<b>SARA Title III Section 311&amp;312</b>	Immediate (Acute) Health Hazard  Sulfonic acids, C14-16-alkane: CAS# 68439-57-6 hydroxy and C14-16-alkene, sodium salts  2-Phenoxyethanol: CAS# 122-99-6
<b>SARA Title III Section 313</b>	Ingredients subject to the reporting requirements of section 313 of Title III SARA:  2-Phenoxyethanol CAS# 122-99-6
<b>States Right to Know</b>	<b>Massachusetts Right To Know:</b> 2-Phenoxyethanol (CAS: 122-99-6) <b>New Jersey Right To Know:</b> 2-Phenoxyethanol (CAS: 122-99-6) <b>Pennsylvania Right To Know:</b> 2-Phenoxyethanol (CAS: 122-99-6)
<b>California Proposition 65</b>	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	Inventory Name	On Inventory (Yes/No)*
U.S.	CIL	Yes
Canada	DSL	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**

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**HMIS RATING**

HMIS Legend

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