

SAFETY DATA SHEET

1. Product and Company Identification

Product Name	CANYON LOW pH PRESOAK
Product Number	400
Product Type	Mixture
Product Use	Acidic Presoak for touchless car wash
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

- Corrosive to Metals (Category 1) H290
- Skin Corrosion (Category 1B) H314
- Eye Damage (Category 1) H318
- Acute Toxicity (Category 4) H301, H302
- Skin irritation, (Category 3) H315
- Eye irritation, (Category 2B) H320
- Respiratory irritation (Category 3) H335

GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard Statements

H290	May be corrosive to metals
H301	Toxic if swallowed
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes mild skin irritation.
H332	Causes eye irritation.
H335	May cause respiratory irritation.
H373	Harmful to aquatic life.

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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 advise and attention

P304+P340+P312

IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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	%
Citric Acid, Anhydrous	77-92-9	H319	5-15%
Cocamidopropyl Hydroxysultaine	68139-30-0	H315, H319	1-5%
Benzenesulfonic Acid, Decyl(sulfophenoxy)-, Disodium Salt	36445-71-3	H302, H318	1-5%
Benzenesulfonic Acid, Oxybis[decyl-, Disodium Salt	70146-13-3	H302, H318	0.5-3%
Phosphoric Acid	1310-73-2	H290, H314, H318	7-15%

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.

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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 personnel 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. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system

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			
Citric Acid, Anhydrous	77-92-9	N/A	N/A
Cocamidopropyl Hydroxysultaine	68139-30-0	N/A	N/A
Benzenesulfonic Acid, Decyl(sulfophenoxy)-, Disodium Salt	36445-71-3	N/A	N/A
Benzenesulfonic Acid, Oxybis[decyl]-, Disodium Salt	70146-13-3	N/A	N/A
Phosphoric Acid	7664-38-2	N/A	1 mg/m3

Engineering controls

General ventilation normally adequate.

Personal protective equipment

Eye/Face protection

Wear goggles or safety glasses with side shields if splash conditions exist.

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Hand protection	Have suitable eye wash water available.
Skin and body	Wear impermeable gloves to prevent contact with skin.
Respiratory protection	As required by employer code.
General hygiene considerations	Use a NIOSH approved respirator when exposure guidelines are exceeded. 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	Colorless
Odor	Unfragranced
Odor threshold	Not established
pH	0.9-1.4 (concentrate)
Melting/freezing point	Not established
Initial Boiling point	≈212° F. (100° C.)
Flash point	Not established
Evaporation rate	Not established
Flammability	Not flammable
Upper/lower flammability or Explosive limits	Not applicable
Vapor pressure	Not established
Vapor density	Not established
Specific gravity/density	1.07-1.12
Solubility in water	Complete
VOC	Not established
% 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

	LC50
Citric Acid Anhydrous	LC50 Fish: 1516mg/L 96 h (L.macrochius)
Cocamidopropyl Hydroxysultaine	Fish: 1.3-2mg/l 96 h
Benzenesulfonic Acid,	1.5mg/l, 48 h (Daphnia)
Decyl(sulfophenoxy)-, Disodium Salt	
Benzenesulfonic Acid,	1.5mg/l, 48 h (Daphnia)
Oxybis[decyl-, Disodium Salt	
Phosphoric Acid	LC50 138mg/L, 96h (Mosquitofish)

Ingredients

	LD50
Citric Acid, Anhydrous	6730mg/kg Oral (Rat)
Cocamidopropyl Hydroxysultaine	> 2000mg/kg Rabbit), > 4900mg/kg (Rat)
Benzenesulfonic Acid,	1500 - 2000mg/kg Oral (Rat), > 2000mg/kg Dermal (Rabbit)

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Decyl(sulfophenoxy)-, Disodium Salt
 Benzenesulfonic Acid, Oxybis[decyl-, Disodium Salt
 Phosphoric Acid

1500 - 2000mg/kg Oral (Rat), > 2000mg/kg Dermal (Rabbit)

1530mg/kg Oral (Rat), 2740mg/kg Dermal (Rabbit)

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 Term exposure Prolonged exposure to skin may cause drying, defatting and irritation.
Carcinogenicity Does not contain ingredients considered carcinogenic by NTP, or OSHA.
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.

Citric Acid Anhydrous LC50 Fish: 1516mg/L, 96 h (L.macrochius)

Cocamidopropyl Hydroxysultaine EC50 Algae: 1.3-2mg/l, 72 h
 EC50 Daphnia: 1.3-2mg/l, 48 h
 LC50 Fish: 1.3-2mg/l, 96 h

Benzenesulfonic Acid, Decyl(sulfophenoxy)-, Disodium Salt EC50: Algae 42 mg/l, 96 h (acute)
 LC50 Daphnia 1.5mg/l, 48 h (acute)
 LC50 Fathead minnow (Pimephales promelas) 3.66mg/l, 96 h (acute)
 EC50 Fish 0.0126mg/l, 32 d (chronic)

Benzenesulfonic Acid Oxybis[decyl-, Disodium Salt EC50: Algae 42mg/l, 96 h (acute)
 LC50 Daphnia 1.5mg/l, 48 h (acute)
 LC50 Fathead minnow (Pimephales promelas) 3.66mg/l, 96 h (acute)
 EC50 Fish 0.0126mg/l, 32 d (chronic)

Phosphoric Acid LC50 138mg/L, 96h (Mosquitofish)

Environmental effects Not Available
Aquatic toxicity Harmful to aquatic organisms
Persistence and Degradability Readily Biodegradable
Bioaccumulation/accumulation Not Available
Partition coefficient Not Available
Mobility in environmental media Will likely be mobile in the environment due to its water solubility
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 Containerize. Rinse area with water. Keep out of storm sewer/waterways.

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product

Contaminated packaging

Dispose in accordance with all applicable regulations.

14. Transport Information

Basic shipping requirements:	DOT Regulated
Proper shipping name:	CORROSIVE LIQUID, Acidic, Organic (Citric Acid, Phosphoric Acid)
Hazard class	Class 8
UN number	UN 3265
Packing group	III
Special provisions	N/A
Packaging exceptions	N/A

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 commercially available and presumed to be listed by manufacturer

CERCLA Super Fund 40CFR117.302 The components of this product are not subject to the reporting

SARA Title III Section 311&312 Immediate (Acute) Health Hazard
SARA Title III Section 313 Cocamidopropyl Hydroxysultaine is subject to the reporting requirements of section 313 of Title III SARA.

States Right to Know **CA Proposition 65:** No listed substances are known to be present

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

HMIS RATING

HMIS Legend

(612) 672-0022

Severe 4
 Serious 3
 Moderate 2
 Slight 1
 Minimal 0

Health 3
Flammability 0
Reactivity 1
Personal Protection B

Disclaimer

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