

Medical Equipment Washing & Decontamination Systems



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 AQUAPHASE AQ-280 RUST INHIBITOR

Product Number P082
Product Type Mixture

Product Use Underbody rust inhibitor for vehicles.

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

Flammable liquid, (Category 3) H226 Acute toxicity, Oral (Category 5) H303 Skin corrosion/irritation, (Category 1) H314, Serious eye damage/eye irritation, (Category 1) H318

Specific organ toxicity (Category 1), H370

GHS Label elements, including precautionary statements

Pictogram



Signal word Danger

Hazard Statements

H226 Flammable liquid and vapor. H303 May be harmful if swallowed.

H314 Causes severe skin burns and eye damage.
H370 Risk of serious damage to the lungs by inhalation.

Precautionary Statements

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames, ignition sources. No

smoking.

P233 Keep container tightly closed.

P243 Take action to prevent static discharges.
P261 Avoid breathing mists, vapors, or spray.

P264 Wash hands and exposed skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well ventilated area.

Response

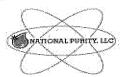
P370+P378 In case of fire, use procedures appropriate for the primary source of fire.
P303+361+P353+P363 IF ON SKIN, immediately take off all contaminated clothing. Rinse skin with

water or shower if appropriate. Wash contaminated clothing before reuse.

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P301++P330+P331 P305+P351+P338

IF SWALLOWED: Rinse mouth. DO NOT INDUCE VOMITING. IF IN EYES, rinse cautiously for several minutes. Remove contact lenses if

present. Continue rinsing.

Immediately call a POISON CENTER/doctor. IF INHALED: remove person to fresh air and keep comfortable for breathing.

P304+P340 Immediately call a POISON CENTER/doctor.

If exposed or concerned about inhalation, call a POISON CENTER/doctor.

Storage/Disposal

Store in a well ventilated place. Keep cool. Keep container tightly closed. Store locked up.

P403+P233+P235 P405

Dispose of contents/container in accordance with local, state and federal

P501

P310

P310

P308+P311

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	%
1-Propanamine, 3-(isodecyloxy)-,acetate	28701-67-9	H302, H314, H370	20-30%
Ethylene glycol monobutyl ether	111-76-2	H227, H316, H320	1-10%
Isopropyl alcohol	67-63-0	H225, H319, H336	1-10%

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 possible.

Get immediate medical attention.

In Case of Skin Contact Flush with cool water. If irritation occurs, get medical attention. Rinse mouth. Do not induce vomiting. Obtain immediate medical If Ingested attention. Never give anything by mouth to an unconscious person.

Move person to fresh air. If breathing difficulty persists, consult a physician. If Inhaled Notes to Physician Symptoms may be delayed.

Seek medical attention if feeling unwell. Show the SDS to the physician in General advice

attendance

local regulations.

5. Fire-fighting Measures		
Flammable properties	Flammable.	
Extinguishing media	Carbon dioxide, dry chemical, dry sand or limestone powder.	
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. Ammonia gas may be liberated at high temperatures. May generate toxic nitrogen oxide gases. Burning produces noxious and toxic fumes. Downwind personnel should be evacuated.	
Unusual Fire, Explosion hazards	Containers may melt or rupture from heat of fire.	
Further information	Do not allow run off from fire fighting to enter drains or water ways. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with	

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170405 document name



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6. Accidental Release Measures

Keep unnecessary personal away. Do not touch or walk through spilled material. Personal precautions Do not touch damaged containers or spilled containers unless wearing protective Clothing.

Methods for containment 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 placed in a container for disposal. Large spills: dike with suitable material and prevent discharge into waterways.

Spill may be absorbed with non reactive material and placed in a suitable container for disposal. Residues can be rinsed with water and palce in suitable container for disposal. Dispose of contents/containers in accordance with local, state, and federal regulations.

7. Handling and Storage

Use good industrial hygiene practices when handling this material. Wash **Precautions for Safe Handling**

contaminated clothing before reuse.

Conditions for Safe Storage Keep container closed when not in use. Keep away from heat or sources of

ignition.. Store in cool dry place.

8. Exposure Controls and Personal Protection

Exposure Limits OSHA PEL ACGIH TLV CAS# Ingredients 1-Propanamine, 3-(isodecyloxy)-,acetate 28701-67-9 Not available Not available Ethylene glycol monobutyl ether 111-76-2 Not available Not available 400 ppm TWA, 980 mg/m³ PEL 67-63-0 Not available Isopropyl alcohol

Engineering controls Provide exhaust ventilation adequate to ensure concentrations are kept below

exposure limits.

Personal protective equipment

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Eye/Face protection Wear goggles or safety glasses with side shields if splash conditions exist. Hand protection

Wear rubber or neoprene safety gloves.

Skin and body As required by employer code.

Respiratory protection Use a NIOSH approved respirator when exposure guidelines are

exceeded.

Handle in accordance with good industrial hygiene practices. Do not eat or drink General hygiene considerations

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

Clear liquid Appearance/form Color Amber Odor Solvent/alcohol Odor threshold Not established 6.2-6.6 (concentrate) Melting/freezing point Not established >212° F. (100° C.) **Initial Boiling point** Flash point 130° F. (54° C.) Estimated.

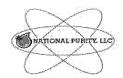
Evaporation rate Not established

Flammable liquid and vapors Flammability

Upper/lower flammability or Not established **Explosive limits** Not established Page 3 of 6



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Vapor pressure Not established Vapor density Not established Specific gravity/density 0.87-0.88 Vapor density Not established Solubility in water Complete VOC < 20.0% % Volatile ≈ 75%

Other Safety Information

10. Stability and Reactivity

Reactivity

Chemical Stability

Stable under normal storage conditions.

Hazardous reactions

Conditions to avoid

Do not mix with other chemicals.

Incompatible materials

Strong acids, strong oxidizing agents and amines.

Hazardous decomposition products

May include but not limited to oxides of carbon, phosphorous, and nitrogen. Nitric

acid and ammonia. Will not occur.

Hazardous polymerization

11. Toxicological Information LC50

Ingredients

1-Propanamine, 3-(isodecyloxy)-, acetate Ethylene glycol monobutyl ether

Not available. Not available.

Isopropyl alcohol

16000 ppm (inhalation rat- 8 hours)

Ingredients

1-Propanamine, 3-(isodecyloxy)-,acetate

Ethylene glycol monobutyl ether

1,200 mg/kg (Oral-rat) Not available.

Isopropyl alcohol

5,045 mg/kg (Oral-rat), 12,800 mg/kg (Dermal-rabbit)

Effects of acute exposure

Eye

Will cause serious eye damage.

Skin Will cause severe skin burns.

May be harmful if swallowed. May cause irritation to mouth, throat and stomach. Ingestion

Inhalation Risk of serious damage to the lungs.

Sensitization

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.

Aquatic toxicity

1-Propanamine, 3-(isodecyloxy)-, No data available

acetate Ethylene glycol monbutyl ether

No data available.

Isopropyl alcohol

LC50 Fathead minnow: 9,640 mg/l 24 hours

EC50 Daphnia magna (water flea) 5,102 mg/l 24 hours

EC50 Algae: > 1000 mg/l 24 hours

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Environmental effects
Persistence and Degradability
Bioaccumulation/accumulation
Partition coefficient
Mobility in environmental media
Chemical fate information
Other adverse effects

No data available.

13. Disposal Considerations

Waste codes
Disposal instructions
Wastes from residues/unused
product
Contaminated packaging

Not Available
Dispose in accordance with local, state, and federal regulations.
Containerize. Rinse area with water. Keep out of storm sewer/waterways.

Dispose in accordance with all applicable regulations.

14. Transport Information

Basic shipping requirements: Proper shipping name

Flammable liquid, corrosive, n.o.s.(contains isopropyl alcohol, ethylene glycol monobutyl ether, 1-Propanamine, 3-[isodecyloxy]-, acetate), 3, UN2924, PG II

Hazard class UN number Packing group Packaging exceptions Special provisions

UN2924 PG II None

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.

Cercla SuperFund 40CFR117.302

This product does contain a material with a Reportable Quantity (RQ):

Ethylene glycol monobutyl ether RQ = 5000 Lbs.

SARA Title III Section 311&312

Immediate (Acute) Health Hazard:

1-Propanamine, 3-(isodecyloxy)-,acetate CAS#28701-67-9

Ethylene glycol monobutyl ether CAS#111-76-2

Isopropyl alcohol CAS#67-63-0

SARA Title III Section 313

Product does contain substances on the list of Toxic Chemicals per 40CFR372:

Ethylene glycol monobutyl ether CAS#111-76-2

Isopropyl alcohol CAS#67-63-0

CA Proposition 65

This product does contain chemicals known to the State of

California to cause cancer, or reproductive effects: Trace amounts of Nickel.

States Right to Know

Reportable chemicals: Isopropyl alcohol

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Inventory Status

Countries U.S. Canada **Inventory Name**

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 3 Flammability 2 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.

Issue date Supersedes date Reason for update Expiration date June 1, 2015 Previous issues Conform to GHS OSHA HCS 2012 June 1, 2018

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