

SAFETY DATA SHEET

1. Product and Company Identification

Product Name	WHEEL & RUST CLEANER
Product Number	441
Product Type	Mixture
Product Use	Cleaning and removing rust from motor vehicle wheels.
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 1) H300,
- Skin corrosion/irritation, (Category 1) H314
- Eye damage/irritation, (Category 1) H318
- Acute aquatic toxicity, (Category 2) H401
- Chronic aquatic toxicity, (Category 1) H410

GHS Label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard Statements

- | | |
|------|--|
| H300 | Fatal if swallowed. May cause corrosive damage to mouth, throat, or stomach. |
| H314 | Causes severe skin burns and eye damage. Corrosive to the eyes leading to blindness. |
| H318 | Causes serious eye damage |
| H401 | Toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects. |

Precautionary Statements

Prevention

- | | |
|------|--|
| P233 | Keep container tightly closed. |
| P234 | Keep only in original packaging. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P264 | Wash hands thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P260 | Do not breath fumes, mists, vapors or spray. |
| P273 | Avoid release to the environment. |

Response

- | | |
|---------------------|---|
| P303+P361+P353+P363 | IF ON SKIN (or hair), immediately take off all contaminated clothing and rinse skin with copious amounts of water. Shower if facilities are readily available. Wash all contaminated clothing before reuse. |
| P310 | Immediately call a POISON CENTER/doctor and seek medical attention. |

P301+P312+P330	IF SWALLOWED, immediately call a POISON CENTER/doctor. DO NOT INDUCE VOMITING. Rinse mouth with water.
P305+P351+P337+P310	IF IN EYES, rinse cautiously for several minutes. Remove contact lenses if present. Continue rinsing. Immediately call a POISON Center/doctor and get medical attention.
P304+P340+P310	IF INHALED: remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
Storage/Disposal	
P405	Store locked up.
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	
%			
Phosphoric acid	7664-38-2	H300, H314, H318, H410	30-50%
(Nonylphenoxy) polyethylene oxide	9016-45-9	H313, H320, H401	1-5%
Ethylene glycol butyl ether	111-76-2	H227, H316, H320	0-2%

4. First Aid Measures

Description of First Aid Procedures	
General Advice	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	Wash with soap and water and rinse thoroughly with cool running water. Remove contaminated clothing. Get immediate medical attention.
If Ingested	Drink large amounts of water or milk to dilute acid. Do not induce vomiting. Obtain immediate medical attention. Never give anything by mouth to an unconscious person.
If Inhaled	Move person to fresh air. Immediately 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.
Extinguishing media	Use dry chemical, foam, carbon dioxide or water fog.
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 phosphorus.
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, neutralize with alkali such as soda ash, sodium bicarbonate or lime. Absorb with inert material and place in a suitable container for disposal. Rinse area with water.
 Large spills, dike area to prevent from spreading. Neutralize with alkaline material such as soda ash or lime. 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. Store locked up.

8. Exposure Controls and Personal Protection

Exposure Limits

Ingredients	CAS#	OSHA PEL	ACGIH TLV
Phosphoric acid	7664-38-2	Not available	Not available
(Nonylphenoxy) polyethylene oxide	9016-45-9	Not available	Not available
Ethylene glycol butyl ether	111-76-2	Not available	Not available

Engineering controls

Local exhaust ventilation is recommended. Ventilation system should be designed according to approved engineering standards.

Personal protective equipment

Eye/Face protection

Wear chemical safety goggles or full face shield if splash conditions exist. Have suitable eye wash water available.

Hand protection

Wear impermeable gloves to prevent contact with skin.

Skin and body

Wear impervious protective clothing including boots, gloves, and face shield where splashing is possible. Have quick drench/shower facilities in work area.

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	Pink
Odor	Solvent odor
Odor threshold	Not established
pH	< 2(1% solution)
Melting/freezing point	Not established
Initial Boiling point	>212° F. (100° C.)
Flash point	> 200 F. (93° C.) Estimated.
Evaporation rate	Not established
Flammability	Not flammable
Upper/lower flammability or Explosive limits	Not established
Vapor pressure	Not established
Vapor density	Not established
Specific gravity/density	Not established

Solubility in water	Complete
VOC	≈ 2%
% Volatile	≈ 60%

10. Stability and Reactivity

Reactivity	Not reactive under normal use and storage.
Chemical Stability	Stable under normal use and storage.
Hazardous reactions	Keep separate from organic materials. Avoid contact with alkaline materials and metals.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Strong alkalis, strong oxidizing agents, metals and their anhydrides, nitrates and amines.
Hazardous decomposition products	May include but not limited to oxides of carbon, phosphorous.
Hazardous polymerization	Will not occur.

11. Toxicological Information

Ingredients	LC50
Phosphoric acid	1.689 mg/m ³ P ₂ O ₅
(Nonylphenoxy) polyethylene oxide	Not available
Ethylene glycol butyl ether	Not available
Ingredients	LD50
Phosphoric acid	1,530 mg/kg (Oral-rat), > 1,260-3,160 mg/kg (Dermal-rabbit)
(Nonylphenoxy) Polyethylene oxide	3310 mg/kg (Oral-rat), > 2,000 mg/kg (Dermal-rabbit)
Ethylene glycol butyl ether	Not available
Eye	Causes severe eye damage. Corrosive to eyes leading to blindness.
Skin	Causes severe skin burns.
Ingestion	Fatal if swallowed. May cause corrosive damage to mouth, throat and stomach.
Inhalation	Vapors may cause central nervous system depression.
Sensitization	No data available.
Chronic effects of short and long Term exposure	Prolonged exposure to skin may cause drying, defatting and irritation and aggravate existing skin problems.
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. However, if spilled this products ingredients are toxic to aquatic life and may have long lasting effects.
Phosphoric acid	EPA Ecological Toxicity rating: High.
Environmental effects	No data available.
Aquatic toxicity	
Phosphoric acid	Dangerous to aquatic plants at high concentrations.
(Nonylphenoxy) polyethene oxide	LC50 Fish: 10 mg/l-96 hour.
Persistence and Degradability	No data available.
Bioaccumulation/accumulation	
Phosphoric acid	Inorganic phosphates have the potential to increase the growth of algae, whose eventual death will reduce the available oxygen for aquatic life.
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 of container in accordance with federal, state, and local requirements.

14. Transport Information

Basic shipping requirements:
Proper shipping name: Corrosive liquids, n.o.s.(contains Phosphoric acid)
Hazard class 8
UN number 1760
Packing group III
Special provisions
Packaging exceptions 49CFR173,154 Limited quantities. Inner packaging of 1 gallon or less is excepted from labeling unless offered or intended for transportation by aircraft.

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 Super Fund 40CFR117.302 Product contains a material with a Reportable Quantity (RQ)
 Phosphoric acid RQ = 5000 Lbs.
 Ethylene glycol butyl ether RQ = 5000 Lbs.

SARA Title III Section 311&312 Immediate (Acute) Health Hazard
 Phosphoric acid

SARA Title III Section 313 Subject to the reporting requirements of section 313 of Title III SARA.
 Ethylene glycol butyl ether
 Product may contain sulfuric acid as an impurity which is subject to reporting.

States Right to Know Reportable chemicals:
 Ethylene glycol butyl ether

California Proposition 65 This product does not contain intentional ingredients known to the state of California to cause cancer, birth defects or reproductive effects. This product may contain sulfuric acid (< 0.1%) which is known to the State of California to cause cancer.

Inventory Status	Inventory Name	On Inventory (Yes/No)*
Countries		
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

Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	3
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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Supersedes date
Reason for update
Expiration date

August 6, 2015
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 Conform to GHS OSHA HCS 2012
 August 6, 2018