

## SAFETY DATA SHEET

### 1. Product and Company Identification

<b>Product Name</b>	<b>SPEEDY ENGINE CLEANER</b>
<b>Product Number</b>	<b>442</b>
<b>Product Type</b>	Mixture
<b>Product Use</b>	Cleaner for white sidewall tires.
<b>Manufacturer/Supplier</b>	National Purity 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

### 2. Hazards Identification

#### GHS Classification in accordance with 29 CFR 1910 OSHA HCS

Flammable liquid, (Category 4) H227  
Skin corrosion/irritation, (Category 2) H314,  
Respiratory irritation (Category 3) H335, H336  
Acute aquatic toxicity, (Category 3) H402

#### GHS Label elements, including precautionary statements

##### Pictogram



**Signal word** Danger

##### Hazard Statements

H227 Combustible  
H314 Causes severe skin burns and eye damage.  
H335, H336 May cause respiratory irritation. May cause drowsiness or dizziness.  
H402 Harmful to aquatic life.

##### Precautionary Statements

###### Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames, ignition sources. No smoking.  
P260 Do not breathe mist, 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.  
P273 Avoid release to the environment.

## Response

P370+P378  
P303+361+P353+P363

P310  
P301+ P330+P331  
P305+P351+P338+P310

P304+P340  
P312

## Storage/Disposal

P403+P233+P235  
P405  
P501

In case of fire, use carbon dioxide, dry chemical foam or water spray.  
IF ON SKIN, immediately take off all contaminated clothing. Rinse skin with water or shower if appropriate. Wash contaminated clothing before reuse. Immediately call a POISON CENTER/doctor.  
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. Call a POISON CENTER/doctor if experiencing difficulty breathing or feeling unwell.

Store in a well ventilated place. Keep cool. Keep container tightly closed.  
Store locked up.  
Dispose of contents/container in accordance with local, state and 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	%
Sodium metasilicate pentahydrate	10213-79-3	H302, H314, H318, H335, H402	4-8%
(Nonylphenoxy) polyethylene oxide	9016-45-9	H320, H313, H401	2-6%
Isopropyl alcohol	67-63-0	H225, H319, H336	1-4%
Ethylene glycol monobutyl ether	111-76-2	H227, H316, H320	0-4%

## 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 possible. Get immediate medical attention.

#### In Case of Skin Contact If Ingested

Flush with cool water. Get medical attention.  
Rinse mouth. **Do not induce vomiting.** Obtain medical attention if feeling unwell. 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

Combustible

### Extinguishing media

Use carbon dioxide, dry chemical, foam or water spray.

### 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.

### Unusual Fire, Explosion hazards

Containers may melt or rupture from heat of fire.

## 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>	Prevent entry into waterways, sewers.
<b>Methods for cleaning up</b>	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 passed to sanitary sewer. Dispose of contents/containers in accordance with local, state, and federal regulations.

## 7. Handling and Storage

<b>Precautions for Safe Handling</b>	Use good industrial hygiene practices when handling this material. Wash contaminated clothing before reuse.
<b>Conditions for Safe Storage</b>	Keep container closed when not in use. Keep out of reach of children. Store in a cool dry place.

## 8. Exposure Controls and Personal Protection

<b>Exposure Limits</b>			
<b>Ingredients</b>	<b>CAS#</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Sodium metasilicate	10213-79-3	15 mg/ phosphate·12H <sub>2</sub> O	Not available
(Nonylphenoxy)polyethylene oxide	9016-45-9	Not available	Not available
Isopropyl alcohol	67-63-0	400 ppm TWA, 980 mg/m <sup>3</sup> PEL	Not available
Ethylene glycol monobutyl ether	111-76-2	Not available	Not available
<b>Engineering controls</b>	Exhaust ventilation recommended		
<b>Personal protective equipment</b>			
<b>Eye/Face protection</b>	Wear goggles or safety glasses with side shields if splash conditions exist.		
<b>Hand protection</b>	Wear rubber or neoprene safety gloves.		
<b>Skin and body</b>	As required by employer code.		
<b>Respiratory protection</b>	Use a NIOSH approved respirator when exposure guidelines are exceeded.		
<b>General hygiene considerations</b>	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

<b>Information on basic physical and chemical properties</b>	
<b>Appearance/form</b>	Clear liquid
<b>Color</b>	Violet
<b>Odor</b>	Lemon / Mint
<b>Odor threshold</b>	Not established
<b>pH</b>	> 12.5 (concentrate)
<b>Melting/freezing point</b>	Not established
<b>Initial Boiling point</b>	>212° F. (100° C.)
<b>Flash point</b>	165° F. (74° C.) Estimate.
<b>Evaporation rate</b>	Not established
<b>Flammability</b>	Combustible
<b>Upper/lower flammability or</b>	Not established

<b>Explosive limits</b>	Not established
<b>Vapor pressure</b>	Not established
<b>Vapor density</b>	Not established
<b>Specific gravity/density</b>	Not established
<b>Vapor density</b>	Not established
<b>Solubility in water</b>	Complete
<b>VOC</b>	< 3.0%
<b>% Volatile</b>	≈ 86 0%

### Other Safety Information

## 10. Stability and Reactivity

<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, strong oxidizing agents and amines.
<b>Hazardous decomposition products</b>	May include but not limited to oxides of carbon, phosphorous, and nitrogen.
<b>Hazardous polymerization</b>	Will not occur

## 11. Toxicological Information

<b>Ingredients</b>	<b>LC50</b>
Sodium metasilicate	Not available
(Nonylphenoxy) polyethylene oxide	Not available
Isopropyl alcohol	16000 ppm (inhalation rat- 8 hours)
Ethylene glycol monobutyl ether	Not available
<b>Ingredients</b>	<b>LD50</b>
Sodium metasilicate	1153 mg/kg (Oral-Rat), 770 mg/kg (Oral-mouse)
(Nonylphenoxy) polyethylene oxide	3310 mg/kg (Oral-rat), >2000mg/kg (Dermal-rabbit)
Isopropyl alcohol	5,045 mg/kg (Oral-rat), 12,800 mg/kg (Dermal-rabbit)
Ethylene glycol monobutyl ether	Not available
<b>Effects of acute exposure</b>	
<b>Eye</b>	Will cause serious eye irritation/damage.
<b>Skin</b>	Will cause sever skin burns.
<b>Ingestion</b>	May cause irritation to mouth, throat and stomach.
<b>Inhalation</b>	May cause irritation of respiratory tract. May cause drowsiness or dizziness.
<b>Sensitization</b>	Not known.
<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, IARC, or OSHA.
<b>Mutagenicity</b>	No data available.
<b>Reproductive effects</b>	No data available.
<b>Teratogenicity</b>	No data available.

## 12. Ecological Information

**Eco-toxicity** Ecological effects for this product have not been analyzed. However, if spilled this product and any contaminated soil may be harmful to aquatic life. Sodium metasilicate is harmful to aquatic life in very low concentrations.

Sodium metasilicate	LC50 (Mosquito fish) = 530mg/L. LC50 (Waterflea) 48 hours = 113mg/L
(Nonylphenoxy) polyethylene oxide	LC50 Fish: 10mg/l 96 hours
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
Ethylene glycol monbutyl ether	Not available

<b>Environmental effects</b>	Not Available
<b>Aquatic toxicity</b>	
Nonylphenoxy polyethylene oxide	LC 50 Fish: 10mg/L 96 hours
<b>Persistence and Degradability</b>	
Sodium metasilicate	Will persist in aquatic and terrestrial systems
<b>Bioaccumulation/accumulation</b>	No data available.
<b>Partition coefficient</b>	No data available.
<b>Mobility in environmental media</b>	No data available.
<b>Chemical fate information</b>	No data available.
<b>Other adverse effects</b>	No data 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>	Containerize. 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>	
<b>Proper shipping name</b>	Corrosive liquid, basic, inorganic, n.o.s.(contains sodium metasilicate pentahydrate)
<b>Hazard class</b>	8
<b>UN number</b>	UN3266
<b>Packing group</b>	PG III
<b>Special provisions</b>	
<b>Packaging exceptions</b>	49CFR173.154 Limited quantity. Inner packaging not over 1 gallon is excepted from labeling requirements.

### 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>	All ingredients are listed on the Toxic Substances Control Act.
<b>Cercla SuperFund 40CFR117.302</b> Ethylene glycol monobutyl ether	This product does contain a material with a Reportable Quantity (RQ) RQ = 5000 Lbs.
<b>SARA Title III Section 311&amp;312</b>	Immediate (Acute) Health Hazard: Sodium metasilicate pentahydrate CAS#10213-79-3 (Nonylphenoxy) polyethylene oxide CAS#9016-45-9 Isopropyl alcohol CAS#67-63-0 Ethylene glycol monobutyl ether CAS#111-76-2
<b>SARA Title III Section 313</b>	Product does contain substances on the list of Toxic Chemicals per 40CFR372 Isopropyl alcohol, Ethylene glycol monobutyl ether
<b>California proposition 65</b>	This product may contain trace amounts of chemicals known to the State of California to cause cancer: Ethylene oxide CAS#72-1-8.

**States Right to Know**

Reportable chemicals:  
 Sodium metasilicate pentahydrate,  
 Isopropyl alcohol  
 Ethylene glycol monobutyl ether CAS#111-76-2

**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

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

**Disclaimer**

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**Issue date**

November 1, 2021

**Reason for update**

Previous issues