

## SAFETY DATA SHEET

### 1. Product and Company Identification

<b>Product Name</b>	<b>PURE PINE VERSATILE CLEANER</b>
<b>Product Number</b>	<b>274</b>
<b>Product Type</b>	Mixture
<b>Product Use</b>	General purpose cleaner
<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**

- Combustible liquid, (Category 4) H227
- Skin irritation, (Category 3) H316
- Eye irritation, (Category 2/2A) H319
- Specific target organ toxicity, single exposure (Category 3) H335

**GHS Label elements, including precautionary statements**

**Pictogram**



**Signal word** Warning

**Hazard Statements**

- |      |                                   |
|------|-----------------------------------|
| H227 | Combustible liquid.               |
| H316 | Causes mild skin irritation.      |
| H319 | Causes serious eye irritation.    |
| H335 | May cause respiratory irritation. |

**Precautionary Statements**

**Prevention**

- |      |  |
|------|--|
| P210 | Keep away from heat/sparks/open flames/hot surfaces and other sources of ignition. No smoking. |
| P280 | Wear protective gloves, and eye protection when splash conditions exist.                       |
| P264 | Wash hands thoroughly after handling.  |
| P270 | Do not eat, drink or smoke when using this product.  |
| P261 | Avoid breathing mist/vapors/spray.   |
| P271 | Use only outdoors or in a well ventilated area.  |

**Response**

P370+P378 In case of fire, use foam, carbon dioxide, dry chemical or water fog.  
 P332+P313 If skin irritation occurs, get medical advice/attention.  
 P312 Call a POISON CENTER/doctor if irritation occurs or if feeling unwell.

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**

P403+P235+P340 Store in a well ventilated place. Keep cool. Keep container tightly closed.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with local/regional/federal regulations.

**3. Composition/Information on Ingredients**

The following are criteria for listing in this section: 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	%
Pine oil	98-55-5,138-86-3	H227, H315, H319, H335,	2-6%
Isopropyl alcohol	67-63-0	H225, H319	1-3%
Potassium oleate	143-18-0	H315, H319, H335	1-3%

**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>	Wash with soap and water and rinse thoroughly with cool running water. Remove contaminated clothing. Get immediate medical attention if irritation persists.
<b>If Ingested</b>	Rinse mouth with water. <b>Do not induce vomiting.</b> Obtain medical attention if feeling unwell. 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.
<b>Notes to Physician</b>	Symptoms may be delayed.
<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>	Combustible liquid.
<b>Extinguishing media</b>	Use dry chemical, foam, carbon dioxide or water fog.
<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 various unknown organic compounds.

**Unusual Fire, Explosion hazards** Containers may melt or rupture from heat of fire. May form combustible mixtures with air when heated. Water or foam may cause frothing which can be violent if sprayed into containers of hot, burning liquid.

## 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. Eliminate all nearby sources of ignition and extinguish nearby heat sources and open flames. Small spills, absorb or cover with dry earth, sand, or other inert non combustible absorbent material and place in waste containers for disposal. Large spills, dike area to prevent from spreading. If possible, pump liquid to disposal containers. Remaining liquid can be treated as a small spill and absorbed with suitable noncombustible material and placed into disposal containers.

**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. Keep away from heat or sources of ignition. Store locked up. Empty containers may contain product residue that can ignite with explosive force. Drain and purge containers to remove material residues.

## 8. Exposure Controls and Personal Protection

Exposure Limits	CAS#	OSHA PEL	ACGIH TLV
<b>Ingredients</b>			
Pine oil	98-55-5,143-18-0	Not available	Not available
Isopropyl alcohol	67-63-0	400ppm TWA, 980mg/m <sup>3</sup> PEL	Not available
Potassium oleate	143-18-0	Not available	Not available
<b>Engineering controls</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and vapors below the recommended exposure limits.		
<b>Personal protective equipment</b>			
<b>Eye/Face protection</b>	Wear goggles or safety glasses with side shields if splash conditions exist. Have suitable eye wash water available.		
<b>Hand protection</b>	Wear impermeable gloves to prevent contact with skin.		
<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

Information on basic physical and chemical properties

<b>Appearance/form</b>	Cloudy liquid
<b>Color</b>	Pale yellow
<b>Odor</b>	Pine scent
<b>Odor threshold</b>	Not established
<b>pH</b>	11-12 (concentrate)
<b>Melting/freezing point</b>	Not established
<b>Initial Boiling point</b>	≈212° F ( 100° C)
<b>Flash point</b>	145° F (63° C) Estimated from composition.
<b>Evaporation rate</b>	Not established
<b>Flammability</b>	Combustible
<b>Upper/lower flammability or Explosive limits</b>	Not established
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Specific gravity/density</b>	≈ 1.002
<b>Solubility in water</b>	Dispersible
<b>VOC</b>	< 3%
<b>% Volatile</b>	Approx. 94%
<b>Other Safety Information</b>	

## 10. Stability and Reactivity

<b>Reactivity</b>	Not reactive under normal use or storage.
<b>Chemical Stability</b>	Stable under normal storage conditions.
<b>Hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	Heat, sparks or open flame. Do not mix with other chemicals.
<b>Incompatible materials</b>	Strong acids, alkalais, strong oxidizing agents.
<b>Hazardous decomposition products</b>	May include but not limited to oxides of carbon.
<b>Hazardous polymerization</b>	Will not occur.

## 11. Toxicological Information

<b>Ingredients</b>	<b>LC50</b>
Pine oil	Not available
Isopropyl alcohol	16,000 ppm (inhalation-rat 8 hours)
Potassium oleate	Not available.
<b>Ingredients</b>	<b>LD50</b>
Pine oil	2,830 mg/kg (oral-rat), 5,000 mg/kg (dermal-rabbit)
Isopropyl alcohol	5,045 mg/kg (oral-rat), 12,800 mg/kg (dermal-rabbit)
Potassium oleate	Not available.
<b>Eye</b>	Causes serious eye irritation
<b>Skin</b>	Causes mild skin irritation.
<b>Ingestion</b>	Not expected to be harmful upon ingestion.
<b>Inhalation</b>	May cause respiratory irritation.
<b>Sensitization</b>	No data available.
<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. IARC Group 3 Not classifiable as to its carcinogenicity to humans (isopropanol)
<b>Mutagenicity</b>	No data available.
<b>Reproductive effects</b>	No data available.
<b>Teratogenicity</b>	No data available.

## 12. Ecological Information

<b>Eco-toxicity</b>	Ecological effects for this product have not been analyzed
Isopropyl alcohol,	LC50- Pimephales promelas (fathead minnow)- 9,640 mg/l -24 hours EC50-Daphnia magna (water flea) 5,102 mg/l 24 hour EC50-Algae >1000 mg/l – 24 hour
<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
<b>Other adverse effects</b>	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>	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>	Exempt from US DOT regulation of ground shipments.
<b>Proper shipping name:</b>	Combustible liquid N.O.S. (contains Isopropyl alcohol, Pine oil)
<b>Hazard class</b>	Combustible liquid
<b>UN number</b>	NA1993
<b>Packing group</b>	III
<b>Special provisions</b>	
<b>Packaging exceptions</b>	CFR49.173.150(f).

## 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 or are exempt from listing.
<b>SARA Title III Section 311 &amp; 312</b>	Immediate (Acute) Health Hazard Isopropanol CAS #: 67-63-0 Potassium Hydroxide CAS #: 1310-58-5
<b>SARA Title III Section 313</b>	Isopropyl alcohol is subject to the reporting requirements of section 313 of Title III SARA.
<b>States Right to Know</b>	Reportable chemicals:  Isopropanol CAS #: 67-63-0 Potassium hydroxide CAS #: 1310-58-5
<b>Inventory Status</b>	

<b>Countries</b>	<b>Inventory Name</b>	<b>On Inventory (Yes/No)*</b>
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
Serious	3
Moderate	2
Slight	1
Minimal	0

<b>Health</b>	<b>2</b>
<b>Flammability</b>	<b>2</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</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**

June 9, 2022  
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