



**OLD SALT™**

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Date Prepared: September 14, 2016  
MSDS No.: 6830

**SECTION 1: IDENTIFICATION**

**Product name:** OLD SALT

**Recommended use:** Cleaning, degreasing

**Physical Description:** Clear amber liquid with pine odor

**Generic Ingredients:** Water, aliphatic hydrocarbons, surfactants, builders

**Manufacturer:**

Penetone Corporation  
700 Gotham Parkway  
Carlstadt, NJ 07072  
800-631-1652 or 201-567-3000

**Business Contact:**

Customer Service  
800-631-1652 x2602 or 2272  
Product Safety  
800-631-1652 x2211 or 2257

**Emergency Phone Numbers:**    **PENETONE 201-567-3000**    **CHEMTREC 800-424-9300**

**SECTION 2: HAZARDS IDENTIFICATION**

**GHS CLASSIFICATION:**

<p><b>Health:</b> Skin corrosion: 1C Eye damage: 1 Specific target organ toxicity - single exposure: 3</p>	<p>Aspiration hazard: 1</p> <p><b>Physical:</b> Not classified</p>
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**DANGER!**

Causes Severe Skin Burns and Eye Damage.  
May Be Fatal If Swallowed and Enters Airways.  
May Cause Drowsiness or Dizziness.



<b>Precautionary Statements:</b>	
<p><u>Prevention:</u> Avoid breathing fumes or vapors. Do not breath mists if inhalable mists occur during use. Use only outdoors or in a well-ventilated area. Wear protective gloves, eye protection, and face protection. Wash hands and exposed skin thoroughly after handling.</p> <p><u>Response:</u> <i>If in eyes:</i> Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center, doctor, emergency room, or 911. <i>If on skin (or hair):</i> Take off immediately all contaminated clothing. Rinse skin with water or shower. A mild soap may be used. Wash contaminated clothing before reuse.</p>	<p><i>If inhaled:</i> Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center, doctor, emergency room or 911 if you feel unwell. <i>If swallowed:</i> Rinse mouth. Do NOT induce vomiting. Immediately call a poison center, doctor, emergency room, or 911.</p> <p><u>Storage:</u> Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.</p> <p><u>Disposal:</u> Dispose of contents/container in accordance with local, regional, and national regulations (see Sections 13 and 15 of SDS for disposal and reporting requirements).</p>

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Concentration Wt% (1)
Aliphatic petroleum naphtha	64742-47-8	40-60
Water	7732-18-5	25-40
Ethoxylated nonylphenol	127087-87-0	1-10
Potassium dodecylbenzene sulfonate	27177-77-1	1-10



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Pine oil	8002-09-3	1-10
Potassium soap	61790-44-1	1-10
Potassium silicate	1312-67-1	<1
Trisodium hydroxyethylethylene diamine triacetate	139-89-9	<1

(1) Exact percentages being withheld under trade secret provision of OSHA HCS 1910.1200(i)

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**SECTION 4: FIRST-AID MEASURES**

**General Description of Symptoms & First-Aid Measures**

Most likely work-place exposure routes will be *skin contact* or *inhalation*.

For *skin contact*, typically no immediate effects will be observed. Reddening, irritation, or a burning sensation could develop some time after exposure if product is not quickly washed off.

*Inhalation* exposure may produce varied effects depending on whether vapor or mist/spray is inhaled (see SECTION 8 for recommended workplace exposure limits). For vapor, typical symptoms would include headaches, dizziness, and drowsiness. In extreme cases, unconsciousness and other central nervous effects may occur. For mist/spray, typical symptoms could include coughing, sneezing, and a tingling or burning sensation in the nose, throat, and lungs.

**Eyes**

If in eyes: Rinse cautiously with water for several minutes. If contact lenses present, remove them if easy to do. Continue rinsing for several minutes. Immediately call a poison center, doctor, physician or other competent medical authority for medical advice. Penetone recommends that after any eye exposure and initial treatment a physician be seen immediately.

**Ingestion**

If swallowed: Rinse mouth. Immediately call a poison center, doctor, physician or other competent medical authority. Product presents an aspiration hazard. **DO NOT INDUCE VOMITING.**

**Inhalation**

If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center, doctor, physician or other competent medical authority for medical advice.

**Skin**

If on skin: Take off immediately all contaminated clothing. Rinse skin with water or shower. A mild soap may be used. Wash contaminated clothing before reuse. Immediately call a poison center, doctor, physician or other competent medical authority for medical advice. If skin irritation or rash occurs: Get medical advice or attention.

**Special Treatment / Other**

None

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**SECTION 5: FIRE FIGHTING MEASURES**

**Flammable Properties**

**Classification:** not classified

**Flash Point:** none to boil

**Autoignition Temperature:** not determined

**Lower Flammable Limit:** not determined **Upper Flammable Limit:** not determined

**Specific Hazards**

Contains combustible solvent. Although no flash point up to 200°F, combustible vapors may be given off above this temperature. The product is water based and water dilutable and will self extinguish with addition of water.



## SAFETY DATA SHEET

Penetone® Corporation, 700 Gotham Parkway, Carlstadt, NJ 07072

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#### Extinguishing Media

**Suitable:** SMALL FIRE: Use dry chemical, carbon dioxide (CO<sub>2</sub>), water spray or regular foam. LARGE FIRE: water spray, water fog, or foam.

**Unsuitable:** Do not use solid water stream as this may spread fire.

#### Protection & Precautions for Firefighters

**Protective Equipment & Clothing:** Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters protective clothing will only provide limited protection.

**Fire Fighting Guidance:** Cool containers with flooding quantities of water until well after fire is out. Move containers from fire area if you can do it safely. Dike fire control water for later disposal; do not scatter material. Containers can expand and explode under fire conditions due to vapor buildup. Always stay away from containers engulfed in fire.

**Hazardous Combustion Products:** Smoke, fumes, and oxides of carbon, nitrogen, and sulfur when taken to dryness.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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#### **Land Spill**

Do not touch or walk through spilled material. Stop leak if you can do it safely. For large spills, dike and pump into properly labeled containers for reclamation or disposal. For small spill, soak up with absorbent material and place in properly labeled containers for disposal.

#### **Water Spill**

Product forms emulsion with water which may make cleanup difficult. Avoid agitation to minimize emulsion formation. This product has a pH >12 and will raise the pH of surface waters. If possible, remove product from water surface by skimming or with suitable absorbents. Put into properly labeled containers for reclamation or disposal. If allowed by local environmental regulatory agencies, you may use a suitable dispersant. Check with local environmental regulatory agencies for reporting requirements.

**See SECTION 8 for EXPOSURE CONTROLS and PERSONAL PROTECTION.**

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### SECTION 7: HANDLING & STORAGE

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#### **Handling**

Do not handle near heat, sparks, or flame. Avoid contact with oxidizing agents. Use only with adequate ventilation/personal protection (SEE section 8). Avoid contact with eyes, skin and clothing. After handling, always wash hands thoroughly with soap and water. Avoid personal contact with any residue. Dispose of empty containers with care. Empty containers can contain flammable residue and explosive vapors. **Do not cut, weld, or reuse empty container.**

#### **Storage**

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Do not store near heat, sparks, open flame, or other ignition sources. Do not store near strong oxidizing agents. Do not store in direct sunlight. Avoid storing above 120°F (49°C).

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### SECTION 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

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#### **Engineering Controls**

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.



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**Personal Protection**

Inhalation A respiratory protection program that meets OSHA's 29 CFR 1910.134 or ANSI Z88.2 requirements must be followed whenever workplace conditions warrant respirator use. Use of an organic vapor mask or respirator is recommended.

Skin Wear chemical resistant gloves such as: rubber, nitrile, neoprene, or latex when skin contact is possible. Protective clothing including gloves, apron, sleeves, boots, head and face protection should be worn depending on how the product is used. PPE should be cleaned thoroughly after each use.

Eyes Penetone recommends always wearing safety glasses as a minimum in any workplace. Conditions may warrant the use of chemical goggles and possibly a face shield. Consult your standard operating procedure or safety professional for advice. Use protective eye and face devices that comply with ANSI Z87.1-1987.

**Additional Remarks**

Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the hazards and/or potential hazards that may be encountered during use.

**Occupational Exposure Limits**

<u>Component Name</u>	<u>Source</u>	<u>Value</u>	<u>Type</u>	<u>Notation</u>
Aliphatic petroleum naphtha	ACGIH	1200 mg/m <sup>3</sup>	TWA	Appendix H
	NIOSH	350 mg/m <sup>3</sup>	TWA	
		1800 mg/m <sup>3</sup>	C	15 minutes
	OSHA Z1	500 ppm	TWA	

**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

- Appearance:** clear amber liquid
- Odor:** pine
- Odor Threshold:** not determined
- pH:** 12-13
- Melting Point / Freezing:** about 30°F
- Boiling Point / Boiling Point Range:** about 212°F
- Flash Point:** none to 200°F TCC
- Evaporation Rate:** equal to water
- Flammability:** not applicable
- Lower Flammable Limit:** not determined
- Upper Flammable Limit:** not determined
- Explosive Properties:** not applicable
- Vapor Pressure:** equal to water, about 17 mm Hg @ 20°C
- Relative Vapor Density:** not determined
- Relative Density:** 0.90
- Solubility (Water):** forms emulsion
- Partition Coefficient (K<sub>ow</sub>):** not determined
- Auto-ignition temperature:** not determined
- Decomposition temperature:** not determined
- Viscosity:** 20 to 50 cp at room temperature



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## SECTION 10: STABILITY & REACTIVITY

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### Reactivity

Not reactive.

### Chemical Stability

Stable.

### Hazardous Reactions

None known.

### Conditions to Avoid

Contains combustible liquid. Do not store near sources of heat, sparks, open flame, or other ignition sources.

### Incompatible Materials

Strong oxidizing agents. Strong acids

### Hazardous Decomposition Products

Smoke, fumes, and oxides of carbon, nitrogen, and sulfur when taken to dryness.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### Product Summary

Product is corrosive to skin, eyes, and other tissue. Mists can be corrosive to the eyes and respiratory tract. Vapor concentrations above recommended exposure levels may cause headaches, dizziness, drowsiness, unconsciousness and other central nervous system effects.

### Acute Toxicity:

**Dermal:** Rabbits, LD50 > 2,500 mg/kg (estimated using additivity formula)

**Inhalation:** no data available

**Oral:** Rats, LD50 >4,000 mg/kg (estimated using additivity formula)

### Skin Corrosion/Irritation

No data available. Based upon tests of a similar product, product is considered corrosive to the skin.

### Serious Eye Damage/Irritation

No data available. Based upon component data, product is considered corrosive to the eyes.

### Sensitization - Respiratory or Skin

No data available. Based upon component data, product not expected to be a skin sensitizer.

### Germ Cell Mutagenicity

No data available. Based upon component data, product not expected to exhibit germ cell mutagenicity.

### Carcinogenicity

### Reproductive Toxicity

No data available.

The nonionic surfactant used in this product has produced effects in the fetus only at levels that were toxic to the parent animals.

### Specific Target Organ Effects - Single Exposure

No data available



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**Specific Target Organ Effects - Repeated or Prolonged Exposure**

No data available.

The nonionic surfactant used in this product exhibited kidney and liver effects in lab animals at high feeding levels over extended periods of time.

**Aspiration Hazard**

Based upon available data and comparison to similar materials, if swallowed, may pose a lung aspiration hazard during vomiting. Lung aspiration may result in chemical pneumonitis, pulmonary edema, and damage to lung tissue or death.

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**SECTION 12: ECOLOGICAL INFORMATION**

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**Product Summary**

Based upon product component information, product can be considered mildly toxic to aquatic organisms with LC50s generally in the range of 10-50 mg/l. (Acute aquatic toxicity category 2 by European Union classification).

**Ecotoxicity**

LC/EC/IC 10-50 mg/l (estimated using additivity formula)

**Persistence and Degradability**

Product components range in biodegradability from not readily to readily biodegradable. Similar products have had biodegradabilities greater than 80% by DOC (EPA 796.3100).

**Bioaccumulative Potential**

Product not expected to bioaccumulate due to its degradability.

**Mobility in soil**

Product is a complex mixture. Components will partition into water and soil phases depending on inherent solubility of component in water.

**Other Adverse Effects**

None known

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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Product is a D002 Corrosive Hazardous Waste under RCRA definitions. Dispose of contents/container in accordance with all applicable federal, state, and local regulations.

**Note:** Contaminated product, soil, water, container residues and spill cleanup materials may be hazardous wastes. Appropriate hazardous waste designation is the responsibility of the user.

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**SECTION 14: TRANSPORT INFORMATION**

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<b>ID No.:</b>	UN3266
<b>Proper Shipping Name:</b>	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S., (contains potassium silicate)
<b>Hazard Class:</b>	8
<b>Packing Group:</b>	III
<b>Label:</b>	CORROSIVE
<b>Marine Pollutant:</b>	No
<b>RQ:</b>	No
<b>Special Precautions:</b>	none



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**SECTION 15: REGULATORY INFORMATION**

**TSCA**

The ingredients in this product are listed on the TSCA inventory.

**RCRA HAZARD CLASS**

D002 - Corrosive hazardous waste

**SARA 311/312 REPORTABLE HAZARD CATEGORIES:** Immediate (Acute) Health

**REPORTING REQUIREMENTS** (all quantities in pounds)

Component	CAS / 313 Code	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	CAA 112(r) TQ	CWA / OPA
no components subject to reporting							

**NEW JERSEY RIGHT-TO-KNOW INFORMATION**

This product contains aliphatic petroleum naphtha (CAS 64742-47-8), water (CAS 7732-18-5), ethoxylated nonylphenol (CAS 127087-87-0), potassium dodecylbenzene sulfonate (CAS 27177-77-1), and pine oil (CAS 8002-09-3).

**CALIFORNIA PROPOSITION 65 INFORMATION**

This product does not contain any chemicals recognized by the state of California to cause cancer and/or birth defects or reproductive harm.

**SCAQMD INFORMATION**

Is there a photochemically reactive material present? No  
 What is the % by volume of photochemically reactive material? 0  
 What is the VOC content? 450 g/l  
 What is the vapor pressure of VOC's? 0.03 mm Hg @ 20°C

**SECTION 16: OTHER INFORMATION**

**REVISION SUMMARY**

New GHS format

**SUPERSEDES ISSUE DATE**

February 27, 2004

**HAZARD RATING SYSTEMS:**

	HMIS	NFPA
HEALTH	2	2
FLAMMABILITY	1	1
REACTIVITY	0	0
	B	

**KEY**  
 4 = Severe  
 3 = Serious  
 2 = Moderate  
 1 = Slight  
 0 = Minimal

FOR ADDITIONAL PRODUCT INFORMATION, CONTACT YOUR SALES ENGINEER  
 FOR ADDITIONAL HEALTH/SAFETY INFORMATION, CALL 201-567-3000

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