1. Product and Company Identification

Product Code: 01077

Product Name: Pine 30

Company Name: Genlabs
5568 Schaefer Ave.
Chino, CA 91710

Phone Number: 1 (909)591-8451

Web site address: www.genlabscorp.com

Emergency Contact: Chemtrec 1 (800)424-9300

Recommended Use: Pine Cleaner

Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Flammable Liquids, Category 4
Serious Eye Damage/Eye Irritation, Category 2A
Acute Toxicity: Oral, Category 4
Aspiration Toxicity, Category 2
Skin Corrosion/Irritation, Category 2

GHS Signal Word: **Warning**

GHS Hazard Phrases:
Causes serious eye irritation.
May be harmful if swallowed and enters airways.
Causes skin irritation.
Combustible liquid.

GHS Precaution Phrases:
Wear protective gloves, protective clothing, eye protection, face protection.
Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.
Keep out of reach of children.

GHS Response Phrases:
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If swallowed: Immediately call a Poison Center or doctor.
If on skin (or in hair): Wash with plenty of soap and water. If skin irritation or rash occurs, seek medical attention.

GHS Storage and Disposal Phrases:
Dispose of contents and container according to the local, city, state and federal regulations.
Store in cool dry place at room temperature away from direct sunlight.

Potential Health Effects (Acute and Chronic):
Prolonged or repeated eye contact may cause conjunctivitis.
Prolonged or repeated skin contact may cause defatting and dermatitis.
Effects may be delayed.

Inhalation:
Causes upper respiratory tract irritation. Inhalation of vapors may cause drowsiness and dizziness. Harmful if inhaled.

Skin Contact:
May cause irritation with pain and stinging, especially if the skin is abraded. May be absorbed through intact skin. Dermal absorption has been considered toxicologically insignificant. May cause skin rash (in milder cases), and cold and clammy skin with

cyanosis or pale color.

Eye Contact: Produces irritation, characterized by a burning sensation, redness, tearing, inflammation, and possible corneal injury.

Ingestion: Causes gastrointestinal irritation with nausea, vomiting and diarrhea.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
8002-09-3	Pine oil	Proprietary
67-63-0	Isopropyl alcohol	Proprietary
1310-58-3	Potassium hydroxide	Proprietary

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Get medical aid immediately. Remove from exposure and move to fresh air immediately.

In Case of Skin Contact: In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.

In Case of Eye Contact: In case of contact, immediately flush eyes with plenty of water for a t least 15 minutes. Get medical aid. Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Do NOT allow victim to rub eyes or keep eyes closed. Extensive irrigation with water is required (at least 30 minutes).

In Case of Ingestion: Potential for aspiration if swallowed. Never give anything by mouth to an unconscious person. If vomiting occurs naturally, have victim lean forward. If victim is conscious and alert, give 2-4 cupfuls of milk or water.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: > 200.00 F

Explosive Limits: LEL: N/A UEL: N/A

Autoignition Pt: NE

Suitable Extinguishing Media: Water spray, fog or alcohol-resistant foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form explosive mixtures with air. Use water spray to keep fire-exposed containers cool. Flammable liquid and vapor. May form explosive peroxides. Vapors are heavier than air and may travel to a source of ignition and flash back. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Water reactive. Material will react with water and may release a flammable and/or toxic gas. Wear appropriate protective clothing to prevent contact with skin and eyes.

Flammable Properties and Hazards: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Use water spray to dilute spill to a non-flammable mixture. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. A vapor suppressing foam may be used to reduce vapors. Avoid generating dusty conditions. Do not expose spill to water.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid breathing vapors from heated material. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Avoid breathing dust, vapor, mist, or gas.

Precautions To Be Taken in Storing: Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
8002-09-3	Pine oil	No data.	No data.	No data.
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.
1310-58-3	Potassium hydroxide	No data.	CEIL: 2 mg/m3	No data.

Respiratory Equipment (Specify Type): Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

9. Physical and Chemical Properties

Physical States:	[ ] Gas [X] Liquid [ ] Solid
Appearance and Odor:	Brown color liquid with pine odor.
Melting Point:	NE
Boiling Point:	> 212.00 F
Decomposition Temperature:	NE
Autoignition Pt:	NE
Flash Pt:	> 200.00 F
Explosive Limits:	LEL: N/A UEL: N/A
Specific Gravity (Water = 1):	~ 0.985
Density:	~ 8.21 LB/GA
Vapor Pressure (vs. Air or mm Hg):	NE
Vapor Density (vs. Air = 1):	NE
Evaporation Rate:	NE
Solubility in Water:	Emulsifies
Saturated Vapor Concentration:	NE
Viscosity:	NP
pH:	11.00 - 12.50
Percent Volatile:	No data.
VOC / Volume:	295.0000 G/L

10. Stability and Reactivity

Stability:	Unstable [ ] Stable [X]
Conditions To Avoid - Instability:	Light, ignition sources, Excess heat, dust generation, Exposure to moist air or water.
Incompatibility - Materials To Avoid:	Strong oxidizing agents, Strong acids, Strong bases, Amines, Ammonia, ethylene oxide, isocyanates, acetaldehyde, chlorine, phosgene, Attacks some forms of plastics, rubbers, and coatings. aluminum at high temperatures. Moisture, acids.
Hazardous Decomposition Or Byproducts:	Carbon monoxide, Oxides of potassium, hydrogen gas.
Possibility of Hazardous Reactions:	Will occur [ ] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

11. Toxicological Information

Toxicological Information: No data available.

Carcinogenicity/Other Information: CAS# 67-63-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 1310-58-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
8002-09-3	Pine oil	n.a.	n.a.	n.a.	n.a.
67-63-0	Isopropyl alcohol	n.a.	3	A4	n.a.
1310-58-3	Potassium hydroxide	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
8002-09-3	Pine oil	No	No	No
67-63-0	Isopropyl alcohol	No	No	Yes
1310-58-3	Potassium hydroxide	No	Yes 1000 LB	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
8002-09-3	Pine oil	CA PROP.65: No; CA TAC, Title 8: No
67-63-0	Isopropyl alcohol	CA PROP.65: No; CA TAC, Title 8: TAC, Title 8
1310-58-3	Potassium hydroxide	CA PROP.65: No; CA TAC, Title 8: Title 8

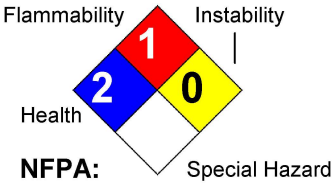
16. Other Information

Hazard Rating System:

HMIS:

HEALTH	2
FLAMMABILITY	1
PHYSICAL	0
PPE	B

NFPA:



Revision Date: 06/18/2018

Additional Information About This Product: No data available.

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