

PINE SCRUB

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : PINE SCRUB
Product code : P141

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Cleaner and deodorizer
Use of the substance/mixture : Cleansing product
Degreasing agent

1.3. Details of the supplier of the safety data sheet

CleanPak Products LLC.
5408 N 59th St.
Tampa, FL 33610
T 813-740-8611 - F 813-740-8218
admin@cleanpakproducts.com - www.cleanpakproducts.com

1.4. Emergency telephone number

Emergency number : 1-800-535-5053
InfoTrac

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin Corr. 1A H314
Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US) :



GHS05

Signal word (GHS-US) : Danger
Hazard statements (GHS-US) : H314 - Causes severe skin burns and eye damage
Precautionary statements (GHS-US) : P260 - Do not breathe mist
P264 - Wash hands, forearms and face thoroughly after handling
P280 - Wear gloves and protective eyewear
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P363 - Wash contaminated clothing before reuse
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

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3.2. Mixture

| Name | Product identifier | % | GHS-US classification |
|---|--------------------|-----|---|
| potassium hydroxide, 45%=<conc<50%, aqueous solutions | (CAS No) 1310-58-3 | < 5 | Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 Aquatic Acute 3, H402 |

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after skin contact : Gently wash with plenty of soap and water.
First-aid measures after eye contact : Rinse immediately with plenty of water.
First-aid measures after ingestion : Drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after skin contact : Slight irritation.
Symptoms/injuries after eye contact : Causes eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : EXTINGUISHING MEDIA FOR SURROUNDING FIRES:

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not flammable.
Explosion hazard : Not applicable.
Reactivity : No data available.

5.3. Advice for firefighters

Firefighting instructions : No specific fire-fighting instructions required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes.
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a closed container.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| PINE SCRUB | | |
|---|------------------------------------|---------------------|
| ACGIH | Not applicable | |
| OSHA | Not applicable | |
| potassium hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3) | | |
| ACGIH | ACGIH Ceiling (mg/m ³) | 2 mg/m ³ |
| OSHA | Not applicable | |

8.2. Exposure controls

Personal protective equipment : Gloves. Safety glasses.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---|
| Physical state | : Liquid |
| Appearance | : Clear, colorless liquid. |
| Colour | : clear |
| Odour | : Pine odour |
| Odour threshold | : No data available |
| pH | : 13 |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Specific gravity | : ≈ 1 |
| Solubility | : Water: Solubility in water of component(s) of the mixture : • potassium hydroxide, 45%=<conc<50%, aqueous solutions: Complete • 2-propanol: Complete • fatty acids, tall-oil: 0.0009 g/100ml |
| Log Pow | : No data available |
| Log Kow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

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10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Strong acids.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

| potassium hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3) | |
|--|--|
| LD50 oral rat | 273 mg/kg (Rat) |
| ATE US (oral) | 273.000 mg/kg bodyweight |
| Skin corrosion/irritation | : Causes severe skin burns and eye damage. pH: 13 |
| Serious eye damage/irritation | : Not classified pH: 13 |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |
| Symptoms/injuries after skin contact | : Slight irritation. |
| Symptoms/injuries after eye contact | : Causes eye irritation. |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life.

| potassium hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3) | |
|--|--|
| LC50 fishes 1 | 28.6 mg/l (24 h; Pisces; Pure substance) |
| LC50 other aquatic organisms 1 | 100 - 1000 mg/l (96 h) |
| LC50 fish 2 | 80 mg/l (96 h; Gambusia affinis; Pure substance) |
| Threshold limit other aquatic organisms 1 | 100 - 1000,96 h |

12.2. Persistence and degradability

| PINE SCRUB | |
|--|--|
| Persistence and degradability | Readily biodegradable in water in anaerobic conditions. |
| potassium hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3) | |
| Persistence and degradability | Biodegradability: not applicable. No (test)data on mobility of the components available. |
| Biochemical oxygen demand (BOD) | Not applicable |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |
| BOD (% of ThOD) | Not applicable |

12.3. Bioaccumulative potential

| potassium hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3) | |
|--|----------------------|
| Bioaccumulative potential | Not bioaccumulative. |

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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer :

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

No additional information available

SECTION 14: Transport information

In accordance with DOT

Not regulated for transport

Additional information

Other information : No supplementary information available.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

EU-Regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

SECTION 16: Other information

Full text of H-phrases:

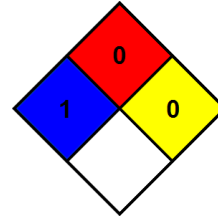
| | |
|---------------------|---|
| Acute Tox. 3 (Oral) | Acute toxicity (oral), Category 3 |
| Aquatic Acute 3 | Hazardous to the aquatic environment — Acute Hazard, Category 3 |
| Skin Corr. 1A | Skin corrosion/irritation, Category 1A |
| H301 | Toxic if swallowed |
| H314 | Causes severe skin burns and eye damage |
| H402 | Harmful to aquatic life |

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NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard : 0 - Materials that will not burn.
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating
Health : 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability : 0 Minimal Hazard
Physical : 0 Minimal Hazard
Personal Protection : B

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product