

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

1.1 Product Identifier

Product Name: Pine Gel

Product Form: Mixture

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

Use of the substance or mixture: Thickened gel cleaner for professional, industrial and domestic use.

Uses advised against: Uses other than those identified are not recommended

1.3 Details of the supplier of the safety data sheet

Enviro Det (Pty) Ltd

Stand No M36

BA Gamotlharo Tribal Road

Northern Cape

8460

Contact Details

(+27) 53 712 1188

1.4 Emergency Telephone Number

For medical or environmental emergency only:

(+27) 53 712 1188

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Skin Irrit. 2 H315

Eye Irrit. 2 H319

2.2 Label Elements

Hazard Pictogram



Signal Word: Warning

Hazard Statements

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

Precautionary Statements

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103: Read label before use.

2.3 Other hazards

No other hazards known

SECTION 3: Composition/information on ingredients

Substance Name	Cas No.	% Weight	Classification
Sodium Lauryl Ether Sulphate	68891-38-3	5 -10	Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Chronic 1. (H403)
Linear Alkyl Benzenesulfonic Acids	68584-22-5	5 -10	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Chronic 1 (H403)

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aid measures general:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation:

Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact:

Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison centre or doctor/physician.

First-aid measures after ingestion:

Rinse mouth with water. Do NOT induce vomiting. Obtain emergency medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation : No known effects or symptoms in normal use.

Skin contact : No known effects or symptoms in normal use.

Eye contact : Causes severe irritation.

Ingestion : No known effects or symptoms in normal use.

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

No special hazards known.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus and suitable protective clothing including gloves and eye or face protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

No action shall be taken involving any personal risk or without suitable training.

6.2 Environmental precautions

Do not allow to enter drainage system, surface, or ground water. Dilute with plenty of water. Notify the relevant regulatory body and authorities if liquid enters sewers or public waters. Avoid release to the environment. Spillages or uncontrolled discharges must be reported immediately to the relevant regulatory body and authorities.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For waste disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Measures to prevent fire and explosions:

No special precautions required.

Advice on general occupational hygiene:

Follow general hygiene considerations recognised as common good workplace practices.

Keep away from food, drink, and animal feeding stuffs. Keep out of reach of children. Wash hands thoroughly after handling. Use in a well-ventilated area.

See chapter 8.2, Exposure controls and or Personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container in a cool, well-ventilated place away from incompatible materials. Keep container closed when not in use. Keep out of reach of children.

Incompatible materials: Sources of ignition. Direct sunlight. Handle in accordance with good industrial hygiene and safety practice. Do not mix with other products unless advised by manufacturer.

For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Not applicable.

8.2 Exposure controls

Appropriate engineering controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

Personal protective equipment

Hand protection: None.

Eye protection: None.

Skin and body protection: None.

Respiratory protection: None.

Other information: Do not eat, drink, or smoke during use.

Safety glasses: None.

Protective clothing: None.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State	: Thick Gel
Colour	: Green
Odour	: Pine
pH	: 7 - 9
Melting Point	: Not determined
Boiling Point	: Not determined
Flash Point	: Not determined
Ignition Temperature	: Not determined
Explosive Properties	: Not determined
Density	: 1.00 -1.03 g/ml
Solubility in water	: Soluble in water

SECTION 10: Stability and reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid

None known under normal use conditions.

10.5 Incompatible materials

None known under normal use conditions.

10.6 Hazardous decomposition products

No hazardous reactions known under normal storage and use conditions.

PINE GEL

Safety Data Sheet

Revision Number: 01 Effective Date: 29.11.2021 Next Review Date: 29.11.2027

SECTION 11: Toxicological information

	Sodium Lauryl Ether Sulphate	Linear alkyl Benzene sulfonic acid
Toxicity Data	COMPONENT: Sodium Lauryl Ether Sulphate (CAS No. 68891-38-3): Not (skin) sensitising (Guinea pig) [Supplier's SDS]. - Germ cell mutagenicity: COMPONENT: Sodium Lauryl Ether Sulphate (CAS No. 68891-38-3): Negative (in vitro): Bacterial reverse mutation test [OECD 471; Supplier's SDS]. Negative (in vitro): Mammalian cell gene mutation test [OECD 476; Supplier's SDS]. - Carcinogenicity: No information available. - Reproductive toxicity: No information available. - STOT (single exposure): No information available. - STOT (repeated exposure): No information available. - Aspiration toxicity: No information available.	- Acute toxicity: Harmful if swallowed. Causes digestive tract burns. May be harmful in contact with skin. - Skin corrosion/irritation: Causes severe skin burns; Corrosive to skin. - Eye damage/irritation: Causes serious eye damage; Corrosive to eyes. - Respiratory/skin sensitisation: Non-sensitising [GPMT]. - Germ cell mutagenicity: No information available. - Carcinogenicity: No information available. - Reproductive toxicity: No information available. - STOT (single exposure): May cause irritation to the respiratory system. - STOT (repeated exposure): Not information available. - Aspiration toxicity: No information available.
Eye	Eye damage/irritation: Causes serious eye damage. Adverse symptoms may include pain, watering, redness.	Eye irritation signs and symptoms may include a burning sensation, redness, swelling and blurred vision.
Skin	Skin corrosion/irritation: Causes skin irritation. Adverse symptoms may include pain or irritation,	Skin irritation signs and symptoms may include a burning sensation, redness, swelling and blisters.

PINE GEL Safety Data Sheet

Revision Number: 01 Effective Date: 29.11.2021 Next Review Date: 29.11.2027

	redness, blistering may occur	Defatting dermatitis's signs and symptoms may include a burning sensation and a dried/cracked appearance.
Ingestion	Harmful if swallowed. Adverse symptoms may include stomach pains. -	Harmful if swallowed.
Inhaled	Respiratory/skin sensitisation:	Inhalation of vapours or mists from the hot product may cause irritation to the respiratory system.
Other	Acute toxicity (Dermal): COMPONENT: Sodium Lauryl Ether Sulphate (CAS No. 68891-38-3): - LD50, Rat: >2,000 mg/kg bw. [OECD Guideline 402; ECHA].	No data available

SECTION 12: Ecological information

	Sodium Lauryl Ether Sulphate	Linear alkyl Benzene sulfonic acid
Ecotoxicity	Aquatic toxicity: COMPONENT: Sodium Lauryl Ether Sulphate (CAS No. 68891-38-3): - LC50, Fish (Danio rerio): 7.1 mg/l (96 h) Freshwater [Supplier's SDS]. - EC50, Crustacea (Daphnia magna): 7.2 mg/l (48 h) Freshwater [Supplier's SDS]. - NOEC, Crustacea (Daphnia magna): 0.18 mg/l (21 d) Freshwater [Supplier's SDS]	Aquatic toxicity: - LC50, Fish (Oncorhynchus mykiss): 3 mg/l (96 h). - EC50, Crustacea (Daphnia magna): 2.9 mg/l (48 h). - EC50, Algae: 170 mg/l (96 h).
Persistence/Degradability	This product is readily biodegradable. COMPONENT: Sodium Lauryl Ether Sulphate (CAS No. 68891-38-3): - Ready	Readily biodegradable

PINE GEL Safety Data Sheet

Revision Number: 01 Effective Date: 29.11.2021 Next Review Date: 29.11.2027

	biodegradability (DOC Die-Away Test): >70% (28 d) [OECD 301A; Supplier's SDS].	
Mobility	No data available	No data available
Environmental Fate	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.	Toxic to aquatic life - Avoid release to the environment.
Bioaccumulation Potential	COMPONENT: Sodium Lauryl Ether Sulphate (CAS No. 68891-38-3): - Low bioaccumulative potential. - LogPow: 0.3	Low potential for bioaccumulation.
Environmental Impact	No data available	No data available
Biodegradability	Readily biodegradable	Readily biodegradable

SECTION 13: Disposal considerations

13.1 Waste treatment and disposal methods

The generation of waste should be avoided or minimised wherever possible. Dispose of surplus and non-recyclable product(s) via a licensed waste disposal contractor and in accordance with local, regional and or national regulations. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Care should be taken when handling emptied containers that have not been cleaned or rinsed out

SECTION 14: Transport information

Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

14.1 UN number	: Non-dangerous goods
14.2 UN proper shipping name	: Non-dangerous goods
14.3 Transport hazard class(es)	: Non-dangerous goods
14.4 Packing group	: Non-dangerous goods
14.5 Environmental hazards	: Non-dangerous goods
14.6 Special precautions for user	: Non-dangerous goods

SECTION 15: Regulatory information

Safety, health, and environmental regulations/legislation specific for the substance or mixture

GHS label elements

The product is classified and labelled according to the Globally Harmonised System (GHS)

Hazard Pictograms



Signal word: Warning

Hazard-determining component of labelling

Sodium Lauryl Ether Sulphate

Hazard Statements

Causes skin irritation.

Causes serious eye irritation.

Precautionary Statements

Avoid release to the environment

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture.

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.

End of Safety Data Sheet.