



Material Safety Data Sheet

Conforms to ISO 11014: 2009

PINE GEL

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Product name : PINE GEL
Use/description of product : Surface cleaning gel
Company name : Kiarah Chemicals
 Unit 4
 Cnr. Berry and Nederveen Road
 Roodekop
 Germiston
 Tel: +2711 865 1199
 Fax: +2711 856 3671
 E-mail: kiarah@enyuka.com
Emergenct number : 0861 555 777 or 021 658 5308

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients :

- SULPHONIC ACID 10-30%
CAS 27176-87-0
[Xn] R36/38
- PINE OIL 10-20%
CAS 94266-47-4
[Xn] R36/37/38

3. HAZARD IDENTIFICATION

Main hazards : None

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4. FIRST-AID MEASURES

Actions

- Inhalation** : Remove patient to fresh air, seek medical attention if condition persists
- Eye contact** : Rinse with running water for 15 minutes. Seek medical attention.
- Ingestion** : Wash out mouth with running water. If conscious, give plenty of Water to drink, seek medical attention immediately
- Skin contact** : Immediately rinse with water removing contaminated clothing and shoes.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable

- : SMALL FIRE: Use DRY chemical powder.
 LARGE FIRE: Use water spray, foam or fog. Do not use water jet.

Not suitable

- : No additional remark.

Unusual fire/explosion hazard

- : None

Hazardous thermal

- : Not applicable

(de)composition products

Special fire-fighting procedures

- : Fire fighters must wear positive pressure self-contained breathing apparatus and full turn-out gear

APPLICATION

Dilute 1 part pine gel with 50 parts water. Apply solution with mop or cloth & allow to stand for a few minutes. Agitate & wipe off with clean mop or cloth.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

- : Personal protective equipment

Environmental precautions and

- : Absorb with water and wipe up with a cloth

Note: See section 8 for personal protective equipment and section 13 for waste disposal.

7. HANDLING AND STORAGE

Handling

- : Keep away from heat. Keep away from sources of ignition.
 Do not breathe fumes or vapor

Storage

- : Keep container tightly closed. Keep container in a cool well ventilated area. Do not store below 0°C (32°F). Keep out of reach of children

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Packaging materials
Recommended use : Use original container
Not suitable : No additional remark

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering measures : Provide proper ventilation of work station
Hygiene measures : Wash hands before and after use
Personal protective equipment
Respiratory system : Wear appropriate respirator when ventilation is inadequate.
Skin and body : Personal protective clothing
Hands : Wear gloves
Eyes : Wear safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : GEL
Colour : GREEN
Odour : PINE
Oxidising : May start to solidify at 4°C (39.2°F)
Solubility in water : Soluble
pH : 6-9
Explosive properties : N/A

10. STABILITY AND REACTIVITY

Stability : This product is stable.
Conditions to avoid : No additional remark.
Materials to avoid : Oxidizing agents.
Hazardous Decomposition Products : Not applicable.

11. TOXICOLOGICAL INFORMATION

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<p>Hazardous ingredients : Pine oil</p> <p>Routes of exposure : Refer to section 4 for routes of exposure and corresponding symptoms.</p>	 <h1 style="margin: 0;">Kiarah Chem</h1> <p style="font-size: small; margin: 0;">Manufacturers of Industrial & Hygienic Cleaning Chemicals VAT No.: 4205197055 Reg. No.: 2009/019423/23 www.kiarahchemicals.co.za</p>	<p>Tel: +2711 865 1199 +2711 865 1507 +2711 865 1508 Fax: +2711 865 3671 kiarah@enyuka.com</p> <p>Unit 4 2 Jo Berry & Nederveen Rd Rossdorp Germiston Alberton</p>
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12. ECOLOGICAL INFORMATION




Mobility : Readily absorbed into soil.
Persistence and degradability : biodegradable.
Biocumulative potential : Slight bioaccumulation potential.
Other adverse effects : Slight ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Methods of disposal : Observe local disposal methods

14. TRANSPORT INFORMATION

Local/International transport regulations:

Regulatory information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
SABS 0228 CLASS	Not regulated	-	-			
IMDG Class	Not regulated	-	-			
IATA-DGR Class	Not regulated	-	-			

South African Transport Legislation: See SABS 0228, 0229, 0231, 0232-1, 0232-3, 1518

15. REGULATORY INFORMATION

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SABS 0263/EU Regulations
Hazard symbol(s)



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NRCS



Harmful

Indication of danger

Risk phrases

Safety phrases

Contains

Product use

South Africa

Storage legislation

- : Harmful
- : R22 – Harmful if swallowed.
- : R36/38 – Irritating to eyes and skin.
- : R43 – May cause sensitization by skin contact.
- : S2 - Keep out of reach of children.
- : S24 – Avoid skin contact.
- : S37 – Wear suitable gloves.
- : S46 – If swallowed, seek medical advice immediately and show this Document, product container or label.
- : PINE OIL
- : Consumer application.
- : See The Occupational Health & Safety Act 85 of 1993.
- : See SABS 072

16. OTHER INFORMATION

Other special considerations : N/A

Notice to reader :

The above information is believed to be correct but does not purport to be inclusive and shall only be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product

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