

## PINE GEL



Date Issued: 12/07/2016

Rev. date: 12/07/2016

Product: PINE GEL

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## COMPANY DETAILS

Name: BD Chemicals	Emergency Tel. No. (011)7765076/0834693828/0783892507
Address: 56 Stanley Rd Knights Germiston, Gauteng, South Africa	Postal Address: PO Box 4120 Germiston South 1411
Tel. No. (011) 7765076	

## 1. PRODUCT IDENTIFICATION

Trade Name:	PINE GEL
Description:	Pine scented gel detergent cleaner and disinfectant.

## 2. HAZARDOUS COMPONENTS

Hazardous components	CAS#	ECC CLASS	%
Sodium linear alkyl benzenesulfonate	25155-30-0	270-115-0	10 - 20
Pine Oil	8002-09-3	****	5 - 10



## 3. HAZARD IDENTIFICATION

Main hazard	May irritate skin, eyes, mucous membranes of mouth, throat and esophagus
Explosive hazard	None
Fire	Does not support combustion
Chemical hazard	Irritant
Health effects - eyes	Hazardous in case of eye contact (irritant)
Health effects - skin	Hazardous in case of skin contact (irritant)
Health effects - ingestion	HARMFUL. Causes stomach distress, nausea and vomiting
Health effects - inhalation	Not expected to be a hazard under normal use conditions with good ventilation. People with lung problems may be more affected.


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## 4. FIRST AID

Product in eyes:	Flush at once with cool running water. Remove contact lenses. Continue flushing for at least 15 min, holding eyelids apart so as to rinse entire eye. <b>CALL A PHYSICIAN IMMEDIATELY.</b>
Product on skin:	Immediately flush skin with plenty of cool running water for at least 15 min while removing contaminated clothing and shoes; discard or wash well before reuse.
Product ingested:	Rinse mouth at once; then drink 1 or 2 glasses of water. <b>DO NOT</b> induce vomiting. <b>NEVER</b> give anything by mouth to an unconscious person.
Product inhaled:	Immediately move to fresh air. If breathing is difficult administer oxygen, if breathing stopped give artificial respiration.

\*For any serious contact situation – GET MEDICAL ATTENTION\*

## 5. FIRE FIGHTING MEASURES


Extinguishing media	Use method appropriate for surrounding fire. The product does not support combustion
Special hazards	Does not support combustion.


## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use proper protective equipment
Environmental precautions	Prevent release of product to sewers & waterways
Small spills	Using water, flush to sewer. Can be neutralized before flushing to sewer.
Large Spills	Dike or dam large spills. Pump to containers or soak up with an inert absorbent. Using Water, flush residue to sewer



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**QUALITY ASSURANCE:** This product is manufactured in South Africa by BD Chemicals (Pty) Ltd under an ISO 9001 QUALITY MANAGEMENT SYSTEM, Certificate Number. 01 100 928474

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## 7. HANDLING AND STORAGE

Suitable material	Polyethylene containers, store in original container
Loading/unloading precautions	Wear protective equipment
Handling/storage precautions	Wear protective equipment. Store in cool, dry well ventilated place away from acidic products

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal protection- respiratory	Avoid breathing mists or vapors of this product
Personal protection - eyes	Wear chemical splash goggles. For continued or severe exposure wear a face shield over goggles.
Personal protection - skin	Wear any industrial rubber gloves, synthetic apron, other protective equipment as necessary to prevent skin contact
Other	Access to emergency eye wash and shower is recommended



## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Green Gel
Odor	Pine Type Odour
pH	7 - 8 (100%)
Specific Gravity	1.01(20°C)
Solubility - water	Mixes with water in all proportions
Flammability	Not Flammable
Flash point	Boils without flashing
Melting point	Not applicable
Boiling point	→ 100°C
Auto-flammability	No dangwe
Explosive properties	None
Vapor pressure	Not applicable


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## 10. STABILITY AND REACTIVITY

Conditions to avoid	Dilute product by slowly adding to water.
Stability	Stable under normal conditions of use and handling
Hazardous decomposition products	Avoid Strong acids and oxidizing agents

## 11. TOXICOLOGICAL INFORMATION

Acute exposure	Prolonged skin contact may defat the skin
Chronic exposure	Not applicable
Carcinogenicity	Not applicable
Mutagenicity	Not applicable
Neurotoxicity	Not applicable
Reproductive hazards	Not expected to impair fertility

## 12. ECOLOGICAL INFORMATION

General	Large quantities released should be avoided.
Aquatic	Contamination of Aquatic systems should be avoided.
Biodegradability	Not determined. If used responsibly, this product is not expected to cause adverse effects to the environment.
Bio-accumulation	Not expected to bio accumulate

## 13. DISPOSABLE CONSIDERATIONS

Unused products are corrosive, consult local authorities for limits on chemical waste disposal. Rinse out empty container thoroughly with water before disposal.

## 14. TRANSPORT INFORMATION

UN No.	3082
Packing Group	III
Class	3



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## 15. REGULATORY INFORMATION

### RISK PHRASES

**Risk phrases:**

R22; Harmful if swallowed  
R36; Irritating to eyes  
R37; Irritating to respiratory system

**Safety phrases:**

S24; Avoid contact with skin  
S25; Avoid contact with eyes

## 16. OTHER INFORMATION

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, No WARRANTY, EXPRESS OR IMPLIED, IS MADE TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

Rev. no.	Rev. date	Reason for revision	Responsible person
0	12/07/2016	First issue in 16-point format	Richard Gaddi



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