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PRIMARY APPLICATION

SUP Pine is formulated for use as sanitizing agent (antiseptic and virucidal) in washrooms, factory floors and household toilets. SUP Pine has excellent residual sanitizing properties combined with a fresh pine fragrance. The product is effective in both cold and hot conditions.

SUP Pine may be added to circulating or stored water systems to control and inhibit mould yeast, algae and microbial growth in wine holding vats between production seasons. SUP Blossom/PINE /BLUE is a well balanced disinfectant where a NON food grade application is needed.

APPLICATION PROCEDURE

SUP Pine may be applied by spray, mop, brush, rinse or flush for both sanitizing and deodorizing purposes. Surfaces should be exposed to working solutions for at least two minutes.

General Sanitizing:	Dilute SUP Pine 1part concentrate to 50 parts water.
Intensive Sanitizing:	Pre-clean heavily soiled surface with an appropriate degreaser. Dilute Pine Disinfectant 1part concentrate to 20 parts water and wash area to be sanitized.
Mould and Yeast Control:	For general sanitizing to control mould and yeast in food and bottling plants apply 2ml/lt. Repeat every 7 days as needed.

KEEP OUT OF REACH OF CHILDREN





1. PRODUCT AND COMPANY INFORMATION

Product Name:SUP PineProduct Description:Pine fragranced disinfectant

Supco (Pty) Ltd sales@supco.co.za 076 999 3181

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Liquid surfactant and disinfectant blend

Hazardous Components:

CAS No	Chemical Name	Approx %	Symbol	R-Phases
063449-41-2	Benzyl-C8-18-alkyldimethyl chloride	< 5	Xi	21/22, 36

Revision of Hazardous components based on SABS 0265:1999

3. HAZARD IDENTIFICATION

Classification:	This product is not classified as an irritant
Effects and symptoms:	Harmful in contact with skin and if swallowed.
	Irritating to eyes

4. FIRST AID MEASURES

Never give fluids of induce vomiting if patient is unconscious or having convulsions

Inhalation:	No effects.
Skin Contact:	Wash affected area with plenty of water
Eye Contact:	Flush eyes with plenty of water for at least 20-30 minutes; keep the upper and lower eyelids open. Do not allow victim to rub or keep eyes closed.
Ingestion:	Do not induce vomiting unless directed so by medical personnel. Do not give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Keep drums cool by spraying with water. Use C02, dry chemicals, water spray or foam

Protective Clothing: Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear

6. ACCIDENTAL RELEASE MEASURES

Clean up methods: Absorb spillage onto sand, earth or any suitable absorbent material. Do not allow entering into drains, sewers or watercourses. Transfer to a container for disposal. Wash the spillage area with water.

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body





7. HANDLING AND STORAGE

Handling:	Do not ingest
Storage:	Keep out of direct sunlight. Store in cool conditions.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Good Practice:Do not ingest. Wear gloves and eye protection when handling concentrate.Protective equipment:None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Clear Yellow
Odour:	Pine Fragrance
pH(1%Sol):	6-7
Boiling point:	97°C
Melting point:	0°C
Flash point:	Water Based
Flammability:	Water Based
Auto flammability:	None
Oxidizing properties:	None
Solubility (water):	Soluble
Solubility (solvent):	Insoluble
Specific Gravity:	1.00
Fire Hazard in Presence	
of Various Substances:	N/A

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions:	None
Incompatible materials:	Oxidizing agents, acids.

11. TOXICOLOGICAL INFORMATION

Inhalation:	No effects.
Skin contact:	May cause skin irritation if exposed for a long time.
Ingestion:	Nausea, vomiting, intense thirst and diarrhea may occur.
Eye Contact:	May cause irritating effect, may cause eyes to burn
Long term exposure:	Not Measured





12. ECOLOGICAL INFORMATION

Environmental Fate
and Distribution:The product is soluble in water. No ecological problems are expected
when the product is handled and used with care.

13. DISPOSAL CONSIDERATION

Methods of disposal:	Disposal should be in accordance with local, provincial and national legislation
Disposal of packaging:	Return to manufacturer or rinse and dispose at own risk.

14. TRANSPORT INFORMATION

Classified as non hazardous product		
Class:	N/A	
Packing group:	N/A	
Marine pollutant:	No	
Label:	None	

15. REGULATORY INFORMATION

EC Classification:	None	
Hazard Symbol:	None	
Risk phrases:	R21/22 R36	Harmful in contact with skin or if swallowed Irritating to the eyes
Safety phrases:	S 2 S36/37/39 S45 S61	Keep out of reach of children Avoid contact with eyes In case of an accident or if you feel unwell, seek medical advice immediately and show the label where possible. Avoid release into the environment, refer to special instructions/material safety data sheet

16. OTHER INFORMATION

This data sheet was prepared in accordance with Directive 93/112/EC

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If the product is used as a component in another product, this MSDS information may not be applicable.