

MATERIAL SAFETY DATA SHEET

No: 1
Date issued: 4 Jun 2020
Page: 1 of 4

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: FulviSan S

Chemical family: Organic Carboxylic Acids

Product use: Chemical disinfectant and antiseptics

Manufacturer's name:

Fulvimed SA (Pty) Ltd
Agri Park
Baden Powell drive,
Lyndedoch
Stellenbosch
South Africa
7603

Website address: www.Fulhold.com

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Emergency telephone no:

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SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	Concentration % by weight	CAS number	LD ₅₀ of ingredients
Fulvic acid (CHD-FA)	7.5	479-66-3	>2g/kg.bw (rat)
Citric acid	10	77-92-9	5040mg/kg (mouse)
Sodium lauryl sulphate	0.1	151-21-3	1288mg/kg(rat)

SECTION 3. HAZARDS IDENTIFICATION

Main hazard:	Slight Irritation to eyes
Flammability:	None
Chemical hazard:	None
Biological hazard:	None
Reproductive hazard:	None
Eye effects:	Slight irritation
Health effects – skin:	No irritation
Health effects – ingestion:	No irritation
Health effects – inhalation:	No irritation
Carcinogenicity	None
Mutagenicity:	None
Neurotoxicity:	No

SECTION 4. FIRST AID MEASURES

Description of first aid measures:	
In case of inhalation:	Remove to fresh air. If not breathing, give artificial respiration or oxygen by trained personnel or get medical attention.
In case of skin contact:	Rinse with plenty of water for at least 15 minutes.
In case of eye contact:	Hold eyelids apart and rinse eye with water, ensure adequate flushing for at least 15 minutes.
In case of ingestion:	Wash out mouth with water. Do NOT induce vomiting unless directed to do so by medical personnel.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing methods:	Cannot ignite
Special exposure hazards:	Not required
Special protective equipment:	Not required

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	No personal protection gear required
Environmental precautions:	Natural organic acids - no effect can be expected
Small spills:	Flush away with water
Large spills:	Flush away with water

SECTION 7. HANDLING AND STORAGE

Precautions to be taken in storing:	Keep container tightly closed. Store in cool ventilated area. Not in direct sunlight.
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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits:	No data available
Engineering control measures:	No data available
Personal protection - respiratory:	None
Personal protection – hand:	None
Personal protection - eye:	Avoid direct contact with eyes because of low pH
Personal protection - skin:	Overall / Normal no risk
Other protection:	None

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM	
Appearance:	Dark yellow color
pH:	1.9 – 2.2
Odour:	Natural acidic smell
Boiling point:	No data
Melting point:	No data
Flash point:	No data
Flammability:	No data
Auto flammability:	No data

Explosive properties:	No data
Vapour pressure:	No data
Vapour density:	No data
Solubility – water:	Yes
Solubility notes:	Soluble at any pH; MeOH
Decomposition temperature	No data
Viscosity	No data
Percent volatile	No data

SECTION 10. STABILITY AND REACTIVITY

Reactivity	No data
Stability:	Stable
Stability notes:	Stable if stored in accordance with information listed
Incompatibility	No data
Polymerization	No data

SECTION 11. TOXICOLOGICAL INFORMATION

Effects on acute exposure:	Safety confirmed
Effects on chronic exposure	Safety confirmed
Carcinogenicity:	Safety confirmed
Chronic toxicity:	Safety confirmed
Mutagenicity:	Safety confirmed
Reproductive hazards:	Safety confirmed

SECTION 12. ECOLOGICAL INFORMATION

Aquatic toxicity - fish:	No effect on ground water
Aquatic toxicity - daphnia:	No effect on low concentrations (<10%)
Biodegradability:	Totally biodegradable
Bio-accumulation:	None
Mobility:	Chelator

SECTION 13. DISPOSAL CONDITIONS

Disposal methods:	Flush away with water or dispose with local regulations
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SECTION 14. TRANSPORT INFORMATION

General.	Not a Dangerous Goods
UN No.	N/A
Substance identity no.	N/A
ADR/RID class:	N/A
ADR/RID hazard identity no:	N/A
IMDG – shipping name:	N/A
IMDG – class:	N/A
IMDG – packaging group:	N/A
IMDG – marine pollutant:	N/A
IMDG – EMS no:	N/A
IMDG – MFAG table no:	N/A
IATA – shipping name:	N/A
IATA – class:	N/A

IATA – subsidiary risk(s):	N/A
ADNR – class:	N/A
UK – description:	N/A
UK – emergency action class:	N/A
UK – classification	N/A
Tremcard no:	N/A
European Information:	N/A

SECTION 15. REGULATORY INFORMATION

EEC hazard classification:	N/A
Risk phases:	N/A
Safety phases	N/A
National legislation:	Not regulated.
Hazard and Precautions:	ACUTE: N/A CHRONIC: N/A

SECTION 16. OTHER INFORMATION

All information given in this data sheet is correct to the best of our knowledge. Because of the nature of the product, the user assumes all risk with respect to it. The data in this safety data sheet refer to the above product, but may not be valid for combination with other products or any other process. This data shall describe our product referring to questions of safety, use, storage, transportation, disposal but not declaration of quality or properties.