

TREBLEX

Solutions for Industry

Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Report Dated: AUGUST 2020

Product name: CitraSan-PineSan Disinfectant

Synonyms: NA

Uses and uses advise against:

Uses: Disinfectant, cleaner

Details of the supplier of the safety data sheet:

Company name: Treblex Industrial Pty Ltd

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Emergency telephone numbers:

Emergency : 0438 120 976 OR 08 9456 5825 office hours

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:

NOT CLASSIFIED AS HAZARDOUS , NON-DANGEROUS GOODS- ACCORDING TO THE WHS REGULATIONS AND THE ADG CODE.

Poisons Schedule: NA

Classification: NA

GHS label Elements:

Signal Word: Not Applicable

Pictograms: Not Applicable

Hazard Statements:

Not Applicable

Prevention Statements:

Not Applicable

Response Statements:

Not Applicable

Storage Statements:

Not Applicable

Disposal Statements:

Not Applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substances:

Mixtures:

Ingredient	CAS Number	EC Number	Content
Water	7732-18-5		>60%
Biodegradable surfactants	NA		<10%
Dye	NA		<0.1%
N-Alkyl Dimethyl Benzyl Ammonium Chloride	68989-00-4		<5%

4. FIRST AID MEASURES

Description of First Aid measures:

Eye: If this product comes in contact with eyes; Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

4. FIRST AID MEASURES CONTINUED

Skin: Generally not applicable. Flush effected areas with water. Seek medical attention if irritation occurs.

Inhalation: If over exposure occurs, remove from contaminated area. Other measures are usually unnecessary.

Ingestion: If swallowed DO NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side(head-down position) to maintain open airway and prevent aspiration. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advise.

Immediate medical attention and special treatment needed:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability:

Non flammable. May evolve toxic gases (carbon/nitrogen oxides, ammonia, chlorides, hydrocarbons) when heated to decomposition. May also evolve sulfur oxides when heated to decomposition.

Extinguishing media:

There is no restriction on the type of extinguisher which may be used.

Use extinguishing media suitable for surrounding area.

Special hazards arising from the substrate or mixture:

Fire incompatibility: None Known

Advice to firefighters:

Fire fighting: Non flammable. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

Fire/Explosion Hazard: Non Flammable.
Not considered to be a significant fire risk. Expansion or decomposition on heating may lead to violent rupture of containers. Toxic fumes of carbon/ nitrogen oxides, ammonia, hydrocarbons, chlorides) may be evolved when heated. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers & nearby storage areas.

HAZCHEM: None allocated.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

see section 8.

Environmental precautions:

See section 12.

Methods for cleaning up:

Major spills: May be slippery when spilt. **Minor hazard** - Control personal contact with the substance, by using protective equipment as required. Prevent spillage from entering drains or water ways. Contain spill with sand, earth or vermiculite. Collect recoverable product into labelled containers for recycling. Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal. Wash area and prevent runoff into drains or waterways. If large contamination of drains or waterways occurs, advise emergency services. For small amounts dilute with water and flush to sewer.

Personal protective Equipment advice is contained in section 8 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling:

Safe handling: Use of safe work practices are recommended to avoid eye or skin contact and inhalation. When handling DO NOT eat, drink or smoke. Always wash hands with soap and water after handling. Avoid physical damage to containers. Observe manufacturer's storage and handling recommendations contained within this SDS.

Other information: Store in original containers. Keep containers securely sealed. Store in a cool dry, well-ventilated area. Store away from incompatible materials and foodstuff containers. Protect containers against physical damage and check regularly for leaks. Observe manufacturer's storage and handling recommendations contained within this SDS.

Conditions for safe storage, including incompatibilities:

Suitable container: Plastic container

Storage incompatibility: None known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Occupational Exposure Limits(OEL): Ensure adequate natural ventilation.

Ingredient Data:

Not available

Emergency limits:

N/A

Exposure controls:

Engineering controls: None under normal operating conditions.

PPE:

Eye/Face protection: Safety glasses or eye protection.

Hands/feet protection: No special equipment needed when handling small quantities. OTHERWISE- wear chemical protective gloves.e.g. PVC

Body protection: None under normal operating conditions.

Respiratory: Not required under normal operating conditions.



9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Appearance:	yellow clear liquid, mixes with water
Physical state:	liquid
Odour:	fragrance
pH:	6.0-8.0(neat)
Melting point/freezing point (°C) :	N/A
Boiling point:	>100°C
Flash point:	N/A
Evaporation rate:	N/A
Flammability:	non flammable
Upper explosive limit (%):	N/A
Lower explosive limit (%):	N/A
Vapour pressure (kPa):	N/A
Solubility in water (g/L):	soluble
Vapour density (Air=1):	N/A

Partition coefficient:	N/A
Relative density (water=1):	N/A
Decomposition temperature:	N/A
Viscosity (cSt):	N/A
Molecular weight (g/mol):	not applicable
Auto ignition temperature (°C):	N/A
Explosive properties:	N/A
Oxidising properties:	N/A
volatile component(%vol):	85%(approx)
Gas group:	N/A
pH as a solution (1%):	N/A
VOC g/L:	N/A
Specific gravity:	1.0 (approx)

10. STABILITY AND REACTIVITY

Reactivity:	Incompatible with strong oxidising agents(eg. Peroxides, nitrates, hypochlorites) and anionic detergents(eg. Soaps)
Chemical stability:	Product is considered stable.
Possibility of hazardous reactions:	May evolve toxic gases(carbon/nitrogen oxides, ammonia, chlorides, hydrocarbons) when heated to decomposition. May also evolve sulfur oxides when heated to decomposition.
Conditions to avoid:	N/A
Incompatible materials:	see section 7

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:

<i>Inhaled:</i>	Low irritant. Over exposure to vapours/mists may result in respiratory irritation, nausea, and headache. Occupational exposure to quaternary ammonium compounds has been reported to cause asthma, although rare. Due to the low vapour pressure, an inhalation hazard is not anticipated, unless sprayed.
<i>Ingestion:</i>	low toxicity. Ingestion may result in nausea, abdominal irritation, pain and vomiting.
<i>Skin contact:</i>	Not considered an irritant through normal use.
<i>Eye:</i>	The liquid may produce eye discomfort causing temporary smarting and blinking.
<i>Chronic:</i>	Low toxicity - irritant. This product has the potential to cause acute and chronic health effects with over exposure. Avoid eye or skin contact and vapour generation - inhalation. If diluted, the potential for adverse health effects will be reduced markedly. Those individuals with pre-existing skin, eye or respiratory allergies may be more susceptible to adverse effects.

Ingredient	Ingestion	
N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (68989-00-4)	LD50	795mg/kg(RAT)

Acute toxicity:

Skin:	Data not available to make classification
Eye:	Data not available to make classification
Sensation:	Data not available to make classification
Mutagenicity:	Data not available to make classification
Carcinogenicity:	Data not available to make classification
Reproductive:	Data not available to make classification
STOT-single exposure:	Data not available to make classification
STOT-repeated exposure:	Data not available to make classification
Aspiration:	Data not available to make classification

12. ECOLOGICAL INFORMATION

Environment:

Benzalkonium chloride derivatives/quaternary ammonium compounds are commonly used as disinfectants, indicating toxicity to microorganisms. Benzalkonium chloride is toxic to trout above 2 ppm.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

<i>Waste disposal:</i>	Recycle wherever possible or consult manufacturer for recycling options. Absorb with sand, vermiculite or similar and dispose of to an authorised landfill. Recycle containers if possible, or dispose of in an authorised landfill.
<i>Legislation:</i>	Consult Sate Land Waste Management Authority for disposal.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA

Labels required:	Land	SEA	AIR
	ADG	IMDG/IMO	IATA/ICAO
<i>UN Number:</i>	NA	NA	NA
<i>Proper shipping name:</i>	NA	NA	NA
<i>Hazard Class:</i>	NA	NA	NA
<i>Packing Group:</i>	NA	NA	NA
<i>Hazchem Code:</i>	NA	NA	NA

15. REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Poison schedule: A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons(SUSMP)

Classifications: Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.

16. OTHER INFORMATION

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risk may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered. This SDS is based on information concerning the product which has been provided by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier. While Treblex Industrial has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Treblex Industrial accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

END SDS

REPORT DATED: August 2020