

TREBLEX

Solutions for Industry

Safety Data Sheet

Issued: May 2021

Product Name **RUST CURE**

TRC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Company Name Treblex Industrial Pty Ltd
Address Unit 1/26 Ilda Road, Canning Vale WA 6155
Telephone (618) 9456 5825
Emergency Telephone 0438 120 976
Fax (618) 9456 5875
Website www.treblex.com.au

Uses RUST TREATMENT AGENT

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

RISK PHRASES

R41 Risk of serious damage to eyes.

SAFETY PHRASES

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39 Wear eye/face protection.

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN No.	None Allocated	DG CLASS	None Allocated	Subsidiary Risk(s)	None Allocated
---------------	----------------	-----------------	----------------	---------------------------	----------------

Packing Group	None Allocated	Hazchem Code	None Allocated	EPG	None Allocated
----------------------	----------------	---------------------	----------------	------------	----------------

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS Number	Proportion
Isopropyl Alcohol	C3-H8-O	67-63-0	< 10%
Tannins	Not Available	Not Available	10-30%
Inhibitor(s)	Not Available	Not Available	< 10%
Water	H2O	7732-18-5	Not Available

4. FIRST AID MEASURES

Eye If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

Ingestion For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

Advice to Doctor Treat symptomatically.

TREBLEX

Solutions for Industry

Safety Data Sheet

Issued: May 2021

Product Name RUST CURE

TRC

5. FIRE FIGHTING MEASURES

Flammability Non flammable. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

Fire & Explosion Treat as per requirements for Surrounding Fires: Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Extinguishing Prevent contamination of drains or waterways.

Hazchem Code None Allocated.

6. ACCIDENTAL RELEASE MEASURES

Spillage Contact emergency services where appropriate. Use personal protective equipment. Clear area of all unprotected personnel. Ventilate area where possible. Contain spillage, then cover / absorb spill with non-combustible absorbant material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. CAUTION: Spill site may be slippery.

7. HANDLING AND STORAGE

Storage Store in a cool, dry, well ventilated area, removed from oxidising agents, acids, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Large storage areas should have appropriate ventilation systems.

Handling Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards	Ingredient	Reference	TWA		STEL	
	Isopropyl Alcohol	SWA (AUS)	400 ppm	983 mg/m ³	500 ppm	1230 mg/m ³

Biological Limits No biological limit attached.

Engineering Controls Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended.

PPE Wear splash-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear: coveralls. Where an inhalation risk exists, wear: a Type A (Organic vapour) respirator. With prolonged use, wear: nitrile or neoprene gloves.

TREBLEX

Solutions for Industry

Safety Data Sheet

Issued: May 2021

Product Name RUST CURE

TRC

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	CLEAR AMBER LIQUID
Odour:	SLIGHT SWEET ODOUR
pH:	2 (neat) (Approximately)
Vapour Pressure:	NOT AVAILABLE
Vapour Density:	NOT AVAILABLE
Boiling Point:	>85°C
Melting Point:	< -10°C
Evaporation Rate:	NOT AVAILABLE
Solubility (water):	SOLUBLE
Specific Gravity:	1.05 – 1.15
% Volatiles:	65%
Flammability:	NON FLAMMABLE
Flash Point:	NOT RELEVANT
Upper Explosion Limit:	NOT RELEVANT
Lower Explosion Limit:	NOT RELEVANT

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended conditions of storage.
Conditions to Avoid	Avoid heat, sparks, open flames and other ignition sources.
Material to Avoid	Incompatible with oxidising agents and acids (eg. nitric acid).
Hazardous Decomposition Products	May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.
Hazardous Reactions	Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	Low toxicity - irritant. Use safe work practices to avoid eye or skin contact and inhalation. Over exposure may result in central nervous system (CNS) damage.
Eye	Irritant. Contact may result in irritation, lacrimation, pain and redness.
Inhalation	Irritant. Over exposure may result in irritation of the nose and throat, coughing and headache. High level exposure may result in nausea, dizziness and drowsiness.
Skin	Irritant. Contact may result in drying and defatting of the skin, rash and dermatitis.
Ingestion	Low toxicity. Ingestion may result in gastrointestinal irritation, nausea and vomiting. Aspiration may result in chemical pneumonitis and pulmonary oedema.

11. TOXICOLOGICAL INFORMATION cont.

Toxicity Data	ISOPROPYL ALCOHOL (67-63-0)
	LC50 (Inhalation): 16000 ppm/8 hours 16000/8 hours (rat)
	LCLo (Inhalation): 12000 ppm/8 hours (mouse)
	LD50 (Ingestion): 3600 mg/kg (mouse)

TREBLEX

Solutions for Industry

Safety Data Sheet

Issued: May 2021

Product Name RUST CURE **TRC**

LD50 (Intraperitoneal): 667 mg/kg (rabbit)
LD50 (Intravenous): 1088 mg/kg (rat)
LD50 (Skin): 12,800 mg/kg (rabbit)
LDLo (Ingestion): 3570 mg/kg (human)
LDLo (Intravenous): 1024 mg/kg (dog)
LDLo (Subcutaneous): 6000 mg/kg (mouse)
TDLo (Ingestion): 13 mg/kg (infant)
TANNINS (Not Available)
LD50 (Ingestion): 2260 mg/kg (rat) Tannin
LD50 (Intraperitoneal): 120 mg/kg (mouse) Tannin
LDLo (Ingestion): 2000 mg/kg (mouse) Tannin
LDLo (Intravenous): 10 mg/kg (mouse) Tannin

12. ECOLOGICAL INFORMATION

Environment Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

13. DISPOSAL CONSIDERATIONS

Waste Disposal For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN No.	None Allocated	DG CLASS	None Allocated	Subsidiary Risk(s)	None Allocated
Packing Group	None Allocated	Hazchem Code	None Allocated	EPG	None Allocated

15. REGULATORY INFORMATION

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

Poison Schedule A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

16. OTHER INFORMATION

This product is used for treatment of rusted steel. Apply by brush, dip or spray.

WORK PRACTICES - SOLVENTS: Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

TREBLEX

Solutions for Industry

Safety Data Sheet

Issued: May 2021

Product Name RUST CURE

TRC

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

ABBREVIATIONS:

ACGIH - American Conference of Industrial Hygienists.

ADG - Australian Dangerous Goods.

BEI - Biological Exposure Indice(s).

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

EC No - European Community Number.

HSNO - Hazardous Substances and New Organisms.

IARC - International Agency for Research on Cancer.

mg/m³ - Milligrams per Cubic Metre.

NOS - Not Otherwise Specified.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm - Parts Per Million.

RTECS - Registry of Toxic Effects of Chemical Substances.

STEL - Short Term Exposure Limit.

SWA - Safe Work Australia.

TWA - Time Weighted Average.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Report Reviewed May 2021

Report Status We believe that the information contained herein is reliable, but we shall not be liable for any inaccuracy in the information or for any loss, injury or damage whatsoever or howsoever arising which may result from its use.