

SDS SAFETY DATA SHEET

RUST CONQUEROR UV



Date issued 16 Sep 1997

Date revised 22 Feb 2018

Version 2.1

Page 1 of 8

SDS Prepared in accordance with OSHA HAZCOM 49 CFR 1910.1200

HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/ preparation and the company

Rust Conqueror UV

Application:

Use on clean metals to prevent corrosion, or on Rusted metals to stop corrosion and further deterioration. Rust Conqueror UV can be used as an effectively clear coating, or painted over according to needs.

Supplier: Xtroll Pty Ltd ABN 54 153 585 108

Postal Address: 45 Skyline Cct, Bahrs Scrub, Qld, 4207, Australia.

Contact: Telephone: +61 (4) 6663 7281

Email: xtroll_development@hotmail.com

EMERGENCY CONTACT

Ph 614 6663 7281 Between 6.00am AEST and 11.00pm AEST.

Or contact Poisons Advisory Service on 131126.

2. Hazards identification

Health Hazard Classification

This product is classified as hazardous under NOHSC criteria.

Flammable. Irritating by inhalation and in contact with skin, and or eyes.

Hazard Category

Xn: Harmful; Xi: Irritant

Risk Phrases

R10 Flammable.

R36/37/38 Irritating to eyes, respiratory system and skin.

R52 Harmful to aquatic organisms.

R66 Repeated exposure may cause skin dryness and cracking.

R67 Vapours may cause drowsiness and dizziness.

Safety Phrases

S2 Keep away from children.

S3/7 Keep container tightly closed in a cool place.

S14 Keep away from oxidising materials.

S16 Keep away from sources of ignition.

S21 When using do not smoke.

S24/25 Avoid contact with skin and eyes.

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

S29/35 Do not empty into drains, dispose of this product and its container in a safe way.

S38 In case of insufficient ventilation wear suitable respiratory equipment.

S39 Wear eye/face protection.

S43 In case of fire use, CO₂, Dry Chemical, BCF, or Foam. **NEVER USE WATER.**

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Dangerous Goods Classification

3

Poisons Schedule

5

SDS SAFETY DATA SHEET

RUST CONQUEROR UV



Date issued 16 Sep 1997

Date revised 22 Feb 2018

Version 2.1

Page 2 of 8

SDS Prepared in accordance with OSHA HAZCOM 49 CFR 1910.1200

3. Composition: Information on Ingredients

CHEMICAL ENTITY	CAS No	U.N. No	PROPORTION
Phenolic Resins (Vegetable Oil Base)	67989-32-6	1866	<10
White Spirits (Turpentine Substitute)	64742-82-1	1300	10 - <30
Alkyd Resins (White Spirit Base)	68459-31-4	1993	10 - <30
Butanol (Alcohol)	71-36-3	1120	<10
Aromatic Hydrocarbon	64742-95-6	1993	<10
Vegetable Oil	8001-79-4	None Assigned	<10
Vegetable Oil	67989-32-6	None Assigned	<10
Surface Active Agent (Alcohol Non-Ionic)	64742-63-8	None Assigned	<10
Petroleum Naptha	64742-48-9	None Assigned	10 - <30

Proportions: 1%-9% = <10 10%-29% = 10 - <30 30%-60% = 30 - <60 more than 60% = >60

4. First Aid Measures

For advice, contact Poisons Information Centre (Phone Australia: 13 11 26) or a doctor.

Ingestion

If swallowed, Lie patient on their side, DO NOT induce vomiting, give milk or water. Move patient to fresh air area. Seek medical attention.

Eye Contact

Flush eyes continuously with large amounts of water for 15 minutes until irritation subsides. Seek medical attention.

Skin Contact

Wash affected areas with clean cloth containing white sprits or mineral turps. Remove contaminated clothing, including shoes, and launder before reuse. Seek medical attention for skin irritations.

Inhalation

Remove patient to fresh air away from exposure. Give milk or water to ease any mild airway irritation. If patient does not fully recover in five (5) to ten (10) minutes seek medical advice.

In case of confined area, using proper respiratory protection, immediately remove the affected victim from exposure to an area of clean fresh air. Give milk or water to ease any mild airway irritation. If patient does not fully recover in five (5) to ten (10) minutes seek medical advice.

If breathing is stopped, administer artificial respiration. Seek immediate medical attention.

First Aid Facilities

Provide eye baths and safety showers, clean cloth and mineral turps, and soap and water.

Medical Attention

This product has no known toxicity. Treat according to symptoms. If victim complains of stomach cramp, administer a mild, oil-based purgative. DO NOT USE EMETIC.

SDS SAFETY DATA SHEET

RUST CONQUEROR UV



Date issued 16 Sep 1997

Date revised 22 Feb 2018

Version 2.1

Page 3 of 8

SDS Prepared in accordance with OSHA HAZCOM 49 CFR 1910.1200

5. Fire Fighting Measures

Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress, providing fire-fighters with this Material Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

Suitable extinguishing media

CO₂, Dry chemical, BCF or foam. **(Never use water)**

Hazardous products from combustion

Fumes are not hazardous but may cause mild irritation.

Precautions for fire fighters and special protective equipment

Wrap around safety glasses (A.S. 1337) and Footwear meeting (A.S. 2210) should be worn.

Nitrile rubber, Neoprene or PVC gloves are recommended.

In confined spaces fire fighters should wear respirators that meet or exceed (A.S. 1716).

Hazchem Code

3[Y]E

6. Accidental Release Measures

Emergency Procedures

Prevent fluid from escaping to drains and waterways. Contain leaking packaging in a containment drum or dam constructed of inert material eg sand or other approved material. Prevent vapours from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

Methods and materials for containment

Major Land Spill

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard.
- Prevent liquid from entering sewers, watercourses or low lying areas.
- Keep the public away from the area.
- Advise authorities if substance has entered a watercourse or sewer.
- Take measures to minimise the effect on ground water.
- Contain the spilled liquid with sand, earth, sawdust, cloth or absorbent paper.
- Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measure" and "Stability and Reactivity" sections.

Major Water Spill

- Eliminate any sources of ignition.
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard.
- Notify the port or relevant authority and keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measure" and "Stability and Reactivity" sections.

SDS SAFETY DATA SHEET

RUST CONQUEROR UV



Date issued 16 Sep 1997

Date revised 22 Feb 2018

Version 2.1

Page 4 of 8

SDS Prepared in accordance with OSHA HAZCOM 49 CFR 1910.1200

7. Handling and Storage

Precautions for safe handling

This product is flammable. Do not open near open flame, or sources of ignition. No smoking. Keep container closed. Handle containers with care. Open slowly to control possible pressure release.

Conditions for safe storage

Store in a cool, dry place away from direct sunlight. Keep out of the reach of children. Do not pressurise, cut heat or weld containers – residual vapours are flammable. This product is flammable and will fuel a fire in progress.

Store only in DG approved metal containers, Do not store in plastic containers.

Incompatible materials

Acids, Oxidising Agents or Chemicals.

8. Exposure Controls: Personal Protection

National Exposure Standards

Odour threshold for this product is 560mg/m³.

The threshold limit value (TLV) for this product is: 435mg/m³ (100 ppm), which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short-term exposure limit (STEL) is: None specified, which is the maximum allowable exposure concentration at any time.

Biological limit values

None established.

Engineering Controls: Ventilation

The use of local exhaust ventilation is recommended to control process emissions near the source. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment.

Personal Protective Equipment

Respiratory Protection

Under normal ventilated conditions the use of a disposable nose/mouth mask is recommended. Where concentrations in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type 'A' filter material is considered suitable for this product. It is recommended that a suitable dust mask and eye protection are worn when sanding the dried film of paint coating.

Eye protection

Always use safety glasses or a face shield when handling this product.

Skin/ Body Protection

Although not essential it is recommended to wear long sleeves and long trousers or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves be worn when using this product.

Protection and hygienic measures

Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at the end of work. Keep working clothes separate. Take off immediately any contaminated clothing.

Section continues on next page

SDS SAFETY DATA SHEET

RUST CONQUEROR UV



Date issued 16 Sep 1997

Date revised 22 Feb 2018

Version 2.1

Page 5 of 8

SDS Prepared in accordance with OSHA HAZCOM 49 CFR 1910.1200

Continued from previous section

8. Exposure Controls: Personal Protection

Flammability

Flammable solvents used in the product (or to thin the product) may produce explosive mixtures with air.

These vapours are lighter than air and will disperse readily.

Precautions should be taken to eliminate the build-up of explosive mixtures.

9. Physical and chemical properties

Property	Unit of measurement	Typical value
Appearance	-	Pale yellow/brown liquid.
Flash point	°C	43
Explosive Limits (LEL – UEL)	%	0.8 – 6.0
Auto-ignition Temperature	°C	>150
Boiling Point/ Range	°C	155-195
Vapour Pressure @ 25°C	bar	<10mm
Specific gravity	Kg/m ³	0.90
PH Value	-	7
Percent volatiles	%	40 – 60
Solubility in water	% w/w	<.01@20°C

10. Stability and reactivity

Chemical stability

Stable under normal conditions of use.

Conditions to avoid

Sources of ignition, open flames.

Hazardous decomposition products

No hazardous decomposition products when stored and handled correctly.

Hazardous reactions:

Oxidizing agents and mineral acids.

SDS SAFETY DATA SHEET

RUST CONQUEROR UV



Date issued 16 Sep 1997

Date revised 22 Feb 2018

Version 2.1

Page 6 of 8

SDS Prepared in accordance with OSHA HAZCOM 49 CFR 1910.1200

11. Toxicological information

Health Effects:

Acute:

Swallowed: Whilst Rust Conqueror UV is non-toxic, it may cause a small degree of irritation to the throat, mouth and digestive tract. It will accelerate the saliva glands and cause an excess of saliva. Headache and dizziness may occur.

Eye: Irritant, both by contact and vapour. Product becomes sticky as it dries. Has no known lasting effect.

Skin: Possible irritant by contact in a minority of cases. Products attempts to close skin pores as it dries. Has little to no skin absorption. Has no known prolonged effects.

Inhaled: Vapour is irritating to nasal passages and respiratory tract. Prolonged exposure to vapour and or excessive inhalation, can cause dizziness, headaches, nausea and may lead to unconsciousness.

Chronic: Rust Conqueror UV has no known chronic or lasting effects that would prove hazardous to health.

12. Ecological information

Aquatic Toxicity

Remark:

On the basis of the data for ecotoxicological effects, the substance can be classified as non-critical to aquatic organisms in the water-soluble range. As the substance is not readily biodegradable, long retention times in water are to be expected. This applies only in cases where no other elimination mechanisms (photodegradation, hydrolysis, adsorption) are active. However, as there is no ecotoxic effect, no damage to the ecosystem is to be expected.

Do not allow to escape into waterways, waste water or soil.

13. Disposal considerations

The relevant local, regional and national regulations must be complied with. It is among the tasks of the polluter to assign the waste to waste codes specific to industrial sectors and processes according to the national authority. It is recommended that details be worked out with the waste disposal company responsible.

The waste can be disposed of in a suitable incinerator or approved landfill site, provided that national/local legislation is complied with.

SDS SAFETY DATA SHEET

RUST CONQUEROR UV



Date issued 16 Sep 1997

Date revised 22 Feb 2018

Version 2.1

Page 7 of 8

SDS Prepared in accordance with OSHA HAZCOM 49 CFR 1910.1200

14. Transport information

Hazardous Good according to ADG Code (7th Edition)

Hazchem: 3(Y)E

Road

Class: 3.2 Sub class: 3(Y)E UN: 1263 PG: III

Declaration for land shipment: PAINT/SOLVENT

Marine

Class: 3.2 Sub class: 3(Y)E UN: 1263 PG: III

EMS no: 3.05 MFAG no: 310-313 IMDG no: 3372

Declaration for sea shipment: PAINT/SOLVENT

Air

Class: 3.2 Sub class: 3(Y)E UN: 1263 PG: III

IATA-DGR: 3

Declaration for shipment by air: PAINT/SOLVENT

Limited quantity regulations applicable in accordance with chapter 3.4 RID/ ADR in compliance with threshold value. For limited quantity, max size of container in shipment 5 ltr, and max quantity 30 ltr, or as per retail goods exemption.

Other information:

Combustible, flash point + 43°C.

15. Regulatory Information

This SDS is compiled in accordance with NOHSC:2011(2003), using information drawn from SDS's provided by suppliers of individual components used in manufacturing this product, independent laboratory testing and in house testing. Further information has been drawn from the "Australian Dangerous Goods code Edition 7.4". References are also drawn for the poisons schedule. Labelling as required by Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP3), in accordance with Australian requirements.

Dangerous Goods Classification

3

Poisons Schedule

5

SDS SAFETY DATA SHEET

RUST CONQUEROR UV



Date issued 16 Sep 1997

Date revised 22 Feb 2018

Version 2.1

Page 8 of 8

SDS Prepared in accordance with OSHA HAZCOM 49 CFR 1910.1200

16. Other information

Note

- Rust Conqueror UV is non-toxic in liquid form, but fumes and or fluid may cause mild irritation of skin or airways. The product is a non-porous sealer and will close pores of the skin if allowed to dry on skin.
- In small quantities the product poses no risk to aquatic organisms as it will disperse naturally as it is an organic compound. Large quantities pose a limited risk as it will be harder to disperse.
- If burnt the fumes are not toxic, but may pose a mild risk of irritation, in particular to persons with a breathing impairment such as Asthma, or Emphysema.
- The dry product is non-conductive, so it needs to be cut through to allow welding to strike.
- If welded the fumes given off are not toxic and in such limited quantity as to pose no threat to the welder, or others working nearby.

This Safety Data Sheet replaces all previous information.

Original date of issue: 16 Sep 1997

Revised and valid from: 22 Feb 2018

Reason for revision: to ensure compliance of SDS.

CONTACT POINT

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Or contact Poisons Advisory Service on 131126.

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