

RUST REMOVAL GEL

Section 1 - Identification of the material and supplier

Product Code: CT2701

Product Name: RUST REMOVAL GEL

Proper Shipping Name (CSN)

UN Number: 2817

DG Class: 8

Packing Group: II

Hazchem Code: 2X

Poisons

Schedule: Not scheduled

Product Use: Removal of rust stains, etching of glass and ceramics

Company: Strategic Outsourcing Services Pty Ltd

ABN: 65074835153 Trading as Cleancare Australia

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Section 2 - Hazards identification

HAZARD CLASSIFICATION:

Classified as HAZARDOUS SUBSTANCE according to the criteria of NOHSC.

Classified as NON-DANGEROUS GOODS according to the Australia Dangerous Goods Code.

RISK PHRASE(s)

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

SAFETY PHRASE(s)

S23 Do not breathe gas/fumes/vapour/spray S24/25 Avoid contact with skin and eyes. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

GHS Signal word: WARNING

Aspiration Hazard Category 2

Skin Irritation Category 2

Eye irritation Category 2B



Section 3 - Composition/information on ingredients

Name	CAS	Proportion
Ammonium Bifluoride	1341-49-7	8-10%
Hydrogen Fluoride (available to react)	7664-39-3	2.5-3.5%
Alkylene Glycol	Confidential	<10%
Thickener	Confidential	<10%
Water	7732-18-5	Remainder

Section 4 - First aid measures

Swallowed	DO NOT induce vomiting. Immediately wash mouth with water and give plenty of water to drink. Seek immediate medical assistance
Eye	If contact with the eye(s) occur, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. SEEK IMMEDIATE MEDICAL ATTENTION
Skin	Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap for 15 minutes. Ensure contaminated clothing is washed before re-use or discard. If contact more than of minor nature, seek medical attention.
Inhaled	Remove the source of contamination or move the victim to fresh air. Ensure airways are clearer and have a qualified person give oxygen through a facemask if breathing is difficult. Seek medical attention.
First Aid Facilities	Eye wash and normal washroom facilities.
Advice to Doctor	Treat symptomatically or consult a Poisons Information Centre.

Section 5 - Fire fighting measures

Hazardous Fire Fighting Precaution	Oxides of carbon (CO, CO ₂) and nitrogen (NO _x) Wear Self-Contained Breathing Apparatus (S.C.B.A.) and full protective clothing to minimise skin exposure
Extinguishing Media	Use appropriate fire extinguisher for surrounding environment
Hazchem Code	None Allocated

Section 6 - Accidental release measures

Accidental Release In the event of any major spills prevent large quantities of this material entering waterways, drains or sewers. Wear appropriate protective equipment to prevent skin and eye contact.

Section 7 - Handling and storage

**Storage
Precautions**

Store in a cool dry place, out of direct sunlight. Avoid contact with incompatible materials that support combustion, such as strong oxidising agents.

Transport

Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (6th Edition).

**Storage
Regulations**

This material is a SCHEDULED (S5) POISON and must be stored, handled and maintained according to the appropriate Commonwealth Regulations.

Handling

Wear appropriate protective equipment to prevent skin and eye contact. Ensure a high level of personal hygiene is maintained when using this product. That is, always wash hands before eating, drinking, smoking or using the toilet.

Section 8 - Exposure controls/personal protection

Exposure Limits

No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for dust not otherwise specified is 10 mg/m³

Eng. Controls

Natural ventilation should be sufficient, however where dust is generated the use of a mechanical exhaust ventilation system is recommended

Respirator Type (AS 1716)

No special respiratory protection required under normal conditions of use

Eye Protection

The use of chemical goggles or safety glasses with side shield protection is recommended

**Glove Type
Flammability
Fire Hazards**

The use of Nitrile or Neoprene gloves is recommended

May burn in a fire situation generating toxic fumes

Section 9 - Physical and chemical properties

Appearance	Light yellow colour, thickened, solution with a no odour when used in small amounts
Melting Point	Approx. 0 C (water ingredient)
Boiling Point	Approx. 100 C (water ingredient)
Vapour Pressure	Not available
Specific Gravity	1.1 at 20 C
Flash Point	Not applicable
Flamm. Limit LEL	Not available
Flamm. Limit UEL	Not available
Solubility in Water	Readily soluble in water
Other Properties	
pH Value	3.5-5

Section 10 - Stability and reactivity

Stability	Stable under normal conditions of use
Haz. Polymerization	Will not occur

Section 11 - Toxicological information

Toxicology	No toxicity data is available for this material
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Section 12 - Ecological information

Environ. Protection	Prevent large quantities of this material entering waterways, drains or sewers
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Section 13 - Disposal considerations

Spills & Leaks	Increase ventilation. Wear sufficient respiratory protection and protective clothing. Sweep or vacuum material avoiding dust generation. Transfer material to a suitable container for recycling or disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
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Disposal	In accordance with Local, State and Federal EPA waste regulations
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Section 14 - Transport information

Transport	Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (6th Edition).
Handling	Wear appropriate protective equipment to prevent skin and eye contact

Section 15 - Regulatory information

AICS	All of the significant ingredients in this formulation are compliant with NICNAS regulations
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Section 16 - Other information

Safety Statement S22 Do not breathe dust.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. S37/39 Wear suitable gloves and eye/face protection.
S38 If insufficient ventilation, wear suitable respiratory equipment.
S45 In case of accident or if unwell, contact a doctor or Poisons Information Centre immediately (show the label where possible).
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Hazard Category Irritant.

-----End of SAFETY DATA SHEET-----