



Product Specification &

SAFETY DATA SHEET

CHIP / EC FORMAT (91/155/EEC)

B198

RUST REMOVER



PRODUCT DESCRIPTION

A new economical acidic gel for the removal of rust, iron mould and old blood stains on carpet, fabric and clothing.

- **Not classified as corrosive or harmful - much safer-to-use than strong acid products and does not require chemical neutralisation.**
- **Thickened formula clings to all types of surfaces and fibres, and ensures good contact time.**

DIRECTIONS FOR USE

Rust Remover is ready-to-use. Shake before using. Always pre-test fibres and fabrics in an inconspicuous location for suitability and colour fastness. Some fabrics and dyes may be sensitive to mild acids.

Apply Rust Remover directly to the rust spot. Avoid over-application. Allow several minutes contact time. Agitate gently during this time with a brush or scraper.

Blot and extract area thoroughly with clear water. Repeat steps above if necessary. Groom carpet or fabric to align fibres.

Note: Old rust spots will require longer contact time than fresh rust spots. Agitation speeds rust spot removal. Thorough extraction will prevent re-appearance of rust spot.

Important - See Page 2 for Safety Data Information

Code	Unit	Case Qty
B198-01	1L	10 x 1L

PHYSICAL AND CHEMICAL PROPERTIES	
Form	- Liquid
Appearance	- Viscous
Colour	- Clear Yellow Tint
Odour	- Winterfresh
pH Concentrate	- 1
pH Diluted	- n/a
% Active	- 16.39
% Solids	- n/d
Flash Point °C	- None
Boiling Point °C	- 100
Density (Water = 100)	- 103.6
Solubility (Water) %	- n/d

COMPOSITION / INFORMATION ON INGREDIENTS			
SUBSTANCE	RISK	CAS NO.	% WW (EC RANGE)
Water	-	-	More than 30%
Proprietary organic salt	Xi R36/38	-	5 to 15%
Phosphoric acid	C R34	7664-38-2	Less than 5%
Glycolic acid	C R34 Xn R22	79-14-1	Less than 5%
Dipropylene glycol ether	-	-	Less than 5%
Carbomer	-	-	Less than 1%
Fragrance	-	-	Less than 1%
Preservative	-	-	Less than 1%

Manufactured by :

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Your Authorised Prochem Distributor :

SAFETY DATA SHEET - Prochem B198 Rust Remover (Continued)

HAZARDS IDENTIFICATION

Eye Contact - Contact may cause moderate to severe eye irritation.

Skin Contact - Prolonged contact may cause skin irritation.

Inhalation - None expected during normal use. Excessive inhalation may cause breathing irritation.

Ingestion - Ingestion may produce nausea, vomiting and diarrhoea.

Environment - No cumulative effects. Raw materials are biodegradable.

FIRST AID MEASURES

Eye Contact - Flush immediately with water for 10 minutes, then seek medical attention.

Skin Contact - Flush skin with plenty of water. Seek medical attention if any skin irritation persists.

Inhalation - Get fresh air and seek medical assistance if breathing irritation persists.

Ingestion - Rinse mouth with water, then give plenty of water and seek immediate medical attention. Do not give anything by mouth if patient is unconscious. Do not induce vomiting.

FIRE FIGHTING MEASURES

Extinguishing Media - Product is not flammable. Use water, carbon dioxide, dry powder extinguisher, or other media appropriate for materials actually involved in fire.

Fire/Explosion Hazards - At high temperatures may react with metals to produce hydrogen gas, will react with oxidising agents such as sodium hypochlorite to produce noxious gases.

Decomposition Products - Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging.

Special Protective Equipment - Self contained breathing apparatus for large amounts involved in fire.

ACCIDENTAL RELEASE

Personal Protection - Protective clothing, rubber gloves, chemical splash goggles, ensure good ventilation.

Containment and Disposal - Large spills should be treated with dry absorbent and disposed at legal waste disposal site. Small spills can be flushed with water to sewage drain linked to waste treatment facility.

HANDLING AND STORAGE

Handling Precautions - Wear rubber gloves and safety glasses when handling concentrate.

Storage Precautions - Avoid extremes of temperature. Keep out of reach of children. Keep in original container.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection - Side shield safety glasses are recommended when handling.

Protective Clothing - Standard work clothing and rubber gloves.

Respiratory Protection - Not required during normal use.

Ventilation - Ensure good ventilation in enclosed areas.

Hygiene - Wash hands and clothing after use or spill.

Do not eat or drink when handling chemicals.

STABILITY AND REACTIVITY

Stability - Stable

Conditions to Avoid - Extremes of temperature.

Incompatibility (Materials to Avoid) - Oxidising agents, metals.

Hazardous Decomposition Products - Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging. May react with metals to produce hydrogen gas.

Hazardous Polymerisation - Will not occur.

TOXICOLOGICAL INFORMATION

Eye Contact - Contact may produce irritation and possible tissue damage if not promptly rinsed.

Skin Contact - Prolonged or repeated contact may cause irritation and possible dermatitis.

Inhalation - No health effects expected. Possible respiratory irritation if exposed to large amounts.

Ingestion - Product is mildly corrosive to mucous membranes. Possible nervous system effects.

Exposure Limits - OES-STEL
Phosphoric acid 2mg/m³

ECOLOGICAL INFORMATION

The raw material ingredients in this product are biodegradable within the scope of current EC legislation and are considered to be of low toxicity to aquatic and animal wildlife.

The major packaging materials of polyethylene and fibreboard are recyclable.

DISPOSAL CONSIDERATIONS

Waste cleaning effluent should be discharged to a sewage drain, which is linked to a local sewage and waste treatment facility. Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site. Large quantities of product for disposal should be consigned to a licensed haulier in accordance with UK and EC regulations.

TRANSPORT INFORMATION

Classification for Transport

Not classified as hazardous for transport

UN NO. / SI NO. - None
IATA / ICAO Class (Air) - None
IMDG / IMO Class (Sea) - None
ADR / RID Class (Road /Rail) - None
Packaging Group - None

REGULATORY INFORMATION

Classification

XI - IRRITANT

Risk Phrases

R36/38 Irritating to eyes and skin.

Safety Phrases

S2 Keep out of reach of children.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves

The information given has been compiled with reference to the **CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS (CHIP) 1994** (as amended), the **CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS (COSHH) 1994** (as amended) and the **MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS 1992** (as amended).

This safety data sheet does not constitute the users own assessment of workplace risk as required by other health and safety regulations.

OTHER INFORMATION

For additional information on safety, training and use of this product, contact the supplier.

This product is intended for professional use only.

The information given is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any guarantee as to the intended use.

EMERGENCY ACTION

In the event of a medical enquiry involving this product please contact your doctor or local hospital accident and emergency department, who may seek advice from the National Poisons Information Service, where our full product details are held.