



SAFETY DATA SHEET PROSTRIP

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name PROSTRIP
Product number C501

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses A powerful, non-ammoniated floor polish stripper formulated for the removal of metallised acrylic emulsion floor polish and light buffable wax floor polish.

1.3. Details of the supplier of the safety data sheet

Supplier www.prochem.co.uk
Prochem Europe Ltd
Oakcroft Road
Chessington
Surrey
KT9 1RH

Telephone: 020 8974 1515
Fax: 020 8974 1511
sales@prochem.co.uk

1.4. Emergency telephone number

Emergency telephone 020 8974 1515 (office hours 8am to 5pm Monday to Friday) 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 UK National Poisons Information Service, where our full product details are held.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Met. Corr. 1 - H290

Health hazards

Skin Corr. 1B - H314 Eye Dam. 1 - H318

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

Xi;R36/38.

Human health

Causes severe skin burns and eye damage. Contact with concentrate May cause severe eye irritation. May cause permanent damage if eye is not immediately irrigated. Prolonged or repeated exposure may cause the following adverse effects: skin irritation and dermatitis. Symptoms following overexposure to vapour may include the following: Upper respiratory irritation. Ingestion may cause: Nausea, vomiting. Gastrointestinal symptoms, including upset stomach. May cause burns in mucous membranes, throat, oesophagus and stomach.

Environmental

The product is expected to be biodegradable.

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2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.

Precautionary statements

P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P310 Immediately call a POISON CENTER/doctor.

Contains

Disodium metasilicate, 2-Aminoethanol

Detergent labelling

< 5% non-ionic surfactants

2.3. Other hazards

See section 8 for details of exposure limits.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Disodium metasilicate CAS number: 6834-92-0 EC number: 229-912-9	<8%
Classification Met. Corr. 1 - H290 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335	Classification (67/548/EEC or 1999/45/EC) C;R34 Xi;R37
(2-Methoxymethylethoxy)propanol CAS number: 34590-94-8 EC number: 252-104-2 Substance with a Community workplace exposure limit.	1-5%
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) -

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2-Aminoethanol CAS number: 141-43-5 EC number: 205-483-3	<2%
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Chronic 3 - H412	Classification (67/548/EEC or 1999/45/EC) C;R34 Xn;R20/21/22

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

Rinse mouth thoroughly with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention. Do not induce vomiting.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact

Causes severe skin burns and eye damage.

Eye contact

May cause serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

Specific treatments

Treat symptomatically. Skin and/or eye contact Rinse immediately with plenty of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Extinguish with the following media: Water spray, dry powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Specific hazards

No unusual fire or explosion hazards noted.

Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Nitrogen oxide.

5.3. Advice for firefighters

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Wear protective clothing as described in Section 8 of this safety data sheet. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in closed original container at temperatures between 5°C and 30°C. Keep out of the reach of children. Store separated from: Acids.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Disodium metasilicate

Short-term exposure limit (15-minute): SUP 2 mg/m³

SUP = Supplier's recommendation.

(2-Methoxymethylethoxy)propanol

Long-term exposure limit (8-hour TWA): IOELV 50 ppm 308 mg/m³

Sk

2-Aminoethanol

Long-term exposure limit (8-hour TWA): WEL 1 ppm 2.5 mg/m³

Short-term exposure limit (15-minute): WEL 3 ppm 7.6 mg/m³

Sk

IOELV = Indicative occupational exposure limit value.

Sk = Can be absorbed through skin.

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

8.2. Exposure controls

Protective equipment

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Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Side shield safety glasses are recommended when handling this product.

Hand protection

Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

Hygiene measures

Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Clear liquid.

Colour

Blue.

Odour

Ether.

Odour threshold

Not determined.

pH

pH (concentrated solution): 13 pH (diluted solution): 12 @ 11%

Melting point

Not determined.

Initial boiling point and range

Not determined.

Flash point

Not applicable.

Evaporation rate

Not determined.

Upper/lower flammability or explosive limits

Not applicable.

Vapour pressure

Not determined.

Vapour density

Not determined.

Relative density

1.0

Solubility(ies)

Soluble in water.

Partition coefficient

Not determined.

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Auto-ignition temperature

Not determined.

Viscosity

Not determined.

Explosive properties

Not applicable.

Oxidising properties

Not applicable.

9.2. Other information

Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Not determined.

10.4. Conditions to avoid

Protect from freezing and direct sunlight. Store in closed original container at temperatures between 5°C and 30°C.

10.5. Incompatible materials

Materials to avoid

Strong oxidising agents. Strong acids. Base metals. Halogenated hydrocarbons.

10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Nitrous gases (NOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

Ingestion may cause: systemic effects Nausea, vomiting. May cause burns in mucous membranes, throat, oesophagus and stomach. High concentrations of vapour at high temperatures may create a respiratory hazard.

Acute toxicity - oral

ATE oral (mg/kg)

27,777.77777778

Acute toxicity - dermal

ATE dermal (mg/kg)

61111.11111111

Acute toxicity - inhalation

ATE inhalation (vapours mg/l)

72.22222222

Skin corrosion/irritation

Skin corrosion/irritation Prolonged contact may cause burns., skin irritation and dermatitis.

Serious eye damage/irritation

Contact with concentrate May cause severe eye irritation. May cause possible injury if not promptly rinsed. May cause blurred vision and serious eye damage.

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Skin sensitisation

None known.

Germ cell mutagenicity

Genotoxicity - in vivo

No effects expected based upon current data.

Carcinogenicity

No effects expected based upon current data.

Reproductive toxicity

Reproductive toxicity - fertility

No effects expected based upon current data.

PROSTRIP**Toxicological information on ingredients.****Disodium metasilicate****Acute toxicity - oral****Acute toxicity oral (LD50 mg/kg)**

1,280

Species

Rat

(2-Methoxymethylethoxy)propanol**Acute toxicity - oral****Acute toxicity oral (LD50 mg/kg)**

5,135

Species

Rat

Acute toxicity - dermal**Acute toxicity dermal (LD50 mg/kg)**

20

Species

Rabbit

2-Aminoethanol**Acute toxicity - oral****Acute toxicity oral (LD50 mg/kg)**

700.0

Species

Mouse

ATE oral (mg/kg)

700.0

Acute toxicity - dermal**Acute toxicity dermal (LD50 mg/kg)**

1500.0

Species

Rat

ATE dermal (mg/kg)

1500.0

Acute toxicity - inhalation**Acute toxicity inhalation (LC50 vapours mg/l)**

1.3

Species

Rat

ATE inhalation (vapours mg/l)

11.0

SECTION 12: Ecological Information

12.1. Toxicity

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Ecological information on ingredients.

Disodium metasilicate

Acute toxicity - fish

LC₅₀, 96 hours: 210 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 1700 mg/l, Daphnia magna

(2-Methoxymethylethoxy)propanol

Acute toxicity - fish

LC₅₀, 96 hours: >10000 mg/l, Fish

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 1919 mg/l, Daphnia magna

Acute toxicity - aquatic plants

IC₅₀, 72 hours: >969 mg/l, Algae

2-Aminoethanol

Acute toxicity - fish

LC₅₀, 96 hours: 125 mg/l, Fish

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 33 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability

The surfactant(s) contained in this product complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

Ecological information on ingredients.

(2-Methoxymethylethoxy)propanol

Chemical oxygen demand

2.02

12.3. Bioaccumulative potential

Not known.

Partition coefficient

Not determined.

Ecological information on ingredients.

(2-Methoxymethylethoxy)propanol

Partition coefficient

: -0.35

12.4. Mobility in soil

Mobility

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 3266

UN No. (IMDG) 3266

14.2. UN proper shipping name

Corrosive liquid, basic, inorganic, N.O.S. (contains disodium trioxosilicate and ethanolamine)

14.3. Transport hazard class(es)

ADR/RID class 8

IMDG class 8

14.4. Packing group

ADR/RID packing group III

IMDG packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

No special storage precautions required. Supplied in accordance with "Limited Quantity" provisions.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information

Telephone 020 8974 1515

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 21/01/2015

Revision 3

Supersedes date 05/09/2013

Signature Aaron Saunders

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Risk phrases in full

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R34 Causes burns.

R36/38 Irritating to eyes and skin.

R37 Irritating to respiratory system.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard statements in full

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

Disclaimer

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.