



B112

NEUTRA-SOFT®

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. **Product Identifier:** NEUTRA-SOFT **Product Code:** B112

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

Developed exclusively for the healthcare market.

All-in-one carpet cleaner, urine neutraliser, deodoriser and rinse agent.

Neutralises and removes urine residues and odour.

Leaves carpets and fabrics clean and soft.

New surfactant technology eliminates resoiling.

WOOLSAFE Approved maintenance product for wool carpets and rugs.

Always pretest carpet or fabric for colour fastness and possible colour or texture change before proceeding. Do not use on water sensitive fabrics. Do not mix with other cleaning detergents.

Mix 100ml of Neutra-Soft per 10 litres of warm to hot water (1 to 100) in the extraction machine solution tank. Clean as normal.

For heavily contaminated areas of urine, mix 250ml of Neutra-Soft per 5 litres of warm to hot water (1 to 20) and pre-spray area with a suitable carpet pressure sprayer. Allow 10 to 15 minutes dwell time and then extraction clean as normal using standard dilution of Neutra-Soft in the extraction machine solution tank.

1.3. Details of the supplier of the safety data sheet:

Prochem Europe Ltd., Oakcroft Road, Chessington, Surrey KT9 1RH, UK. Telephone No (office hours 8am to 5pm, Monday to Friday only):

020 8974 1515 (UK) +44 20 8974 1515 (EC) Chemical Product Manager E, H & S

Website: www.prochem.co.uk Email: sales@prochem.co.uk

1.4. Emergency telephone number:

020 8974 1515 (UK) +44 20 8974 1515 (office hours 8am to 5pm, Monday to Friday only).

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 (1999/45/EC): Not classified as hazardous.

Most important adverse effects:

Eye Contact: Contact with concentrate may cause eye irritation.

Skin Contact: Prolonged contact with concentrate may cause irritation.

Inhalation: None expected in normal use. Exposure to fine spray mists may cause mild irritation of the nose and throat.

Ingestion: Ingestion of concentrate may produce nausea and irritation due to acidity.

Environment: Raw materials are biodegradable. See Ecological Information for further details.

2.2. Label elements:

For professional and industrial use only.

Keep out of the reach of children.

Avoid contact with skin and eyes.

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

Wear suitable gloves.

2.3. Other hazards:

See section 8 for details of exposure limits.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures:

SUBSTANCE	RISK (See Section 16)	H Statements (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
Citric acid	Xi R36/37/38	Skin Irrit 2: H315 Eye Irrit 2: H319 STOT SE 3:H335	201-069-1	5949-29-1	1 to 5%
Sodium octane-1-sulphonate monohydrate	Xi R36/38	Not currently available	226-195-4	5324-84-5	1 to 5%

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:

Eye Contact: Flush immediately with water for 15 minutes, and seek immediate medical attention.

Skin Contact: Wash skin with soap and water. Seek medical attention if any skin irritation persists.

Inhalation: Get fresh air and seek medical assistance if breathing is difficult.

Ingestion: If small amounts are ingested, drink water and seek immediate medical attention. Do not give anything by mouth if

patient is unconscious. DO NOT induce vomiting unless directed to do so by medical personnel.

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

Contact with concentrate may cause irritation to eyes and skin. Ingestion of concentrate may produce nausea and irritation due to acidity. Inhalation of mist or vapour may cause temporary respiratory irritation; temporary central nervous system effects including dizziness, weakness, fatigue, nausea and headache.

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

Seek immediate medical attention if swallowed or in case of contact with eyes.

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing Media:

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

5.2. Special hazards arising from the substance or mixture:

No explosion hazards. Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, water and other unidentified thermal decomposition products from this product or its packaging.

5.3. Advice for firefighters:

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

Wear protective clothing as described in section 8 of this sds.

6.2. Environmental precautions:

Raw materials are biodegradable and product is not classified as harmful to the environment.

6.3. Methods and material for containment and cleaning up:

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.

6.4. Reference to other sections:

See sections 8 and 13 for further information.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling:

Wear nitrile rubber gloves and safety glasses when handling concentrate. Wash hands and clothing after use or spill. Do not eat or drink when handling chemicals.

7.2. Conditions for safe storage, including any incompatibilities:

Avoid extremes of temperature or strong oxidising or alkaline products.

Keep out of reach of children. Keep in original container.

7.3. Specific end use(s):

All-in-one carpet cleaner, urine neutraliser, deodoriser and rinse agent.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters:

Occupational exposure limits not assigned by HSE EH40 or ACGIH.

Environmental Controls: For additional guidance, contact ENVIROWISE at www.envirowise.gov.uk or telephone 0800 585794

8.2. Exposure controls:

Eye/Face Protection: Side shield safety glasses are recommended when handling concentrate or during spray application.

Skin Protection: Standard work clothing and nitrile rubber gloves. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

Respiratory Protection: Not normally required. For situations where recommended exposure limits may be exceeded or where there is a risk of inhalation of fine spray mists, a suitable respirator face mask is recommended.

Ventilation: Normal air circulation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Appearance: Moderate foam pale green liquid.

Odour: Fresh citrus

Odour Threshold: Not determined

pH Concentrate: 2.0 **pH Diluted:** 4.0

Melting point/freezing point °C: Not determined

Initial boiling point and boiling range °C: 100

Flash Point °C: None **Method:** Not applicable

Evaporation Rate: Not determined

Flammability (solid, gas): Not flammable

Upper/lower flammability or explosive limits: Not applicable

Vapour Pressure: Not determined

Vapour Density: Not determined

Relative Density (Water = 1): 1.03

Solubility(ies): 100%

Partition Coefficient (N-octanol / Water): Not determined

Auto-ignition temperature: Not determined

Decomposition temperature: Not determined

Viscosity: Not applicable

Explosive Properties: Not applicable

Oxidising Properties: Not applicable

% Active: 11.4009

% Solids: 7

9.2. Other Information:

None.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

Stable under normal conditions.

10.2. Chemical stability:

Stable

10.3. Possibility of hazardous reactions:

Not determined.

10.4. Conditions to Avoid:

Extremes of temperature.

10.5. Incompatible materials:

Strong oxidising or alkaline agents.

10.6. Hazardous Decomposition Products:

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

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

LD50 >2000 mg/kg (oral-rat) (citric acid)

LD50 >5000 mg/kg (oral-rat) (Sodium octane-1-sulphonate monohydrate)

Inhalation may cause temporary central nervous system effects including dizziness, weakness, fatigue, nausea and headache.

Irritation:

Contact with concentrate may produce eye irritation if not promptly rinsed.

Possible skin irritation and/or dermatitis from prolonged or repeated contact with concentrate or working solution.

Inhalation of mist or vapour may cause temporary respiratory irritation.

Product is acidic and may cause gastro-intestinal irritation, nausea and diarrhoea if ingested.

Corrosivity: Not corrosive.

Sensitisation: This product contains limonene, citral and linalool.

Repeated Dose Toxicity: Not established

Carcinogenicity: No effects expected based upon current data.

Mutagenicity: No effects expected based upon current data.

Toxicity for reproduction: No effects expected based upon current data.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity:

None known.

12.2. Persistence and Degradability:

The surfactant(s) contained in this preparation 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.

The major packaging materials of polyethylene and fibreboard are recyclable.

12.3. Bioaccumulative Potential:

Not known.

12.4. Mobility in soil:

Soluble in water.

12.5. Results of PBT and vPvB assessment:

Report not required.

12.6. Other adverse effects:

None known or no relevant data available for substances in this preparation.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:

Waste cleaning effluent should be disposed of in accordance with regional and national requirements.
Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.
Contact local Environment Agency office for waste holder requirements.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number: None

14.2. UN Proper Shipping Name: None

14.3. Transport hazard class(es):

Road (ADR): None

Sea (IMDG): None

Rail (RID): None

14.4. Packing Group: None

14.5. Environmental hazards: None

14.6. Special precautions for user: No special precautions required other than those previously mentioned in this safety data sheet.

14.7. Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code:

Not intended to be carried as bulk.

SECTION 15: REGULATORY INFORMATION

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

The information given has been compiled with reference to the **CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS (CHIP 4) 2009** (as amended), **REGULATION (EC) No 1272/2008 on CLASSIFICATION, LABELLING and PACKAGING of substances and mixtures**, the **REGISTRATION, EVALUATION, AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH) REGULATIONS** (as amended), the **CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS (COSHH) 2002** (as amended) **REGULATION (EC) NO. 648/2004 ON DETERGENTS** (as amended) and the **MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS 1999** (as amended). This safety data sheet does not constitute the users own assessment of workplace risk as required by other health and safety regulations.

15.2. Chemical safety assessment

Not currently available.

SECTION 16: OTHER INFORMATION

Full text of Risk phrases referred to in Section 2 and 3:

R36 Irritating to eyes. R37 Irritating to respiratory system. R38 Irritating to skin.

Full text of Hazard Statements referred to in Section 2 and 3:

H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.

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.

Revisions: Replaces SDS B112 Issue / Revision Date 10/03/10

Revised Sections: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16.