



**SAFETY DATA SHEET**  
**NEUTRA-SOFT**

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

**1.1. Product identifier**

**Product name** NEUTRA-SOFT  
**Product number** B112

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

**Identified uses** All-in-one carpet cleaner, urine neutraliser, deodoriser and rinse agent.  
Neutralises and removes urine residues and odours.  
Leaves carpets and fabrics clean and soft.  
New surfactant technology eliminates resoiling.  
WOOLSAFE Approved maintenance product for wool carpets and rugs.

**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**

Not Classified

**Health hazards**

Not Classified

**Environmental hazards**

Not Classified

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

**Human health**

Splashes in the eyes may cause redness and irritation. Prolonged or repeated exposure may cause the following adverse effects: skin irritation and dermatitis. Considered to be a low inhalation hazard at normal workplace temperatures. Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation. Ingestion may cause: nausea Diarrhoea. irritation Product is acidic and may be mildly corrosive to mucous membranes.

## NEUTRA-SOFT

### Environmental

The product is expected to be biodegradable.

### 2.2. Label elements

#### Hazard statements

NC Not Classified

#### Precautionary statements

- P102 Keep out of reach of children.
- P262 Do not get in eyes, on skin, or on clothing.
- P280 Wear protective gloves.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P313 Get medical advice/attention.

#### Supplemental label information

EUH210 Safety data sheet available on request.

#### Detergent labelling

< 5% anionic surfactants, < 5% non-ionic surfactants, < 5% perfumes, Contains DMDM Hydantoin, d-Limonene, Citral, Iodopropynyl butylcarbamate

### 2.3. Other hazards

See section 8 for details of exposure limits.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Citric acid monohydrate	< 5%
CAS number: 5949-29-1    EC number: 201-069-1    REACH registration number: 01-2119457026-42-XXXX	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Eye Irrit. 2 - H319	Xi;R36.
Alkane C6-C8 (even numbered), 1-sulphonic acid, sodium salt	< 5%
CAS number: —    EC number: 939-625-7    REACH registration number: 01-2119985168-23-XXXX	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Acute Tox. 4 - H302	Xn;R22. Xi;R36/38.
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	

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 and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

#### Ingestion

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

#### Skin contact

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

#### Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately.

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

## NEUTRA-SOFT

### Skin contact

Prolonged skin contact may cause redness and irritation.

### Eye contact

May cause temporary eye irritation.

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

#### Notes for the doctor

Treat symptomatically.

---

## **SECTION 5: Firefighting measures**

---

### **5.1. Extinguishing media**

#### Suitable extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. 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. Sulphur dioxide.

### **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**

#### 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 after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using the product.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### Storage precautions

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

### **7.3. Specific end use(s)**

## NEUTRA-SOFT

### 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

##### Ingredient comments

No exposure limits known for ingredient(s).

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Provide adequate ventilation.

##### Eye/face protection

Side shield safety glasses are recommended when handling concentrate or during spray application.

##### Hand protection

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

##### Respiratory protection

Not required in normal use. 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.

---

### SECTION 9: Physical and Chemical Properties

---

#### 9.1. Information on basic physical and chemical properties

##### Appearance

Liquid.

##### Colour

Light (or pale). Green.

##### Odour

Citrus

##### pH

pH (concentrated solution): 4    pH (diluted solution): 5

##### Initial boiling point and range

100°C @

##### Flash point

Not applicable.

##### Evaporation rate

Not determined.

##### Upper/lower flammability or explosive limits

Not applicable.

##### Vapour pressure

Not determined.

##### Vapour density

Not determined.

## NEUTRA-SOFT

### Relative density

1.03 @ °C

### Solubility(ies)

Soluble in water.

### Partition coefficient

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

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

### 10.5. Incompatible materials

#### Materials to avoid

Strong oxidising agents. Alkalis.

### 10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Sulphur dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicological effects

Ingestion may cause: Gastrointestinal symptoms, including upset stomach. Nausea, vomiting. Diarrhoea. Product is acidic and may be mildly corrosive to mucous membranes. Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation. In high concentrations, vapours are anaesthetic and may cause headache, fatigue, dizziness and central nervous system effects.

#### Acute toxicity - oral

##### ATE oral (mg/kg)

128,205.12820513

#### Skin corrosion/irritation

##### Animal data

### NEUTRA-SOFT

Prolonged or repeated exposure may cause the following adverse effects: skin irritation and dermatitis.

**Serious eye damage/irritation**

May cause temporary eye irritation.

**Skin sensitisation**

Contains Limonene Citral

**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.

**Toxicological information on ingredients.**

**Citric acid monohydrate**

**Acute toxicity - oral**

**Acute toxicity oral (LD50 mg/kg)**

2,000

**Species**

Rat

**Alkane C6-C8 (even numbered), 1-sulphonic acid, sodium salt**

**Acute toxicity - oral**

**Acute toxicity oral (LD50 mg/kg)**

1,500.0

**Species**

Rat

**ATE oral (mg/kg)**

1,500.0

**Acute toxicity - dermal**

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

2000.0

**Species**

Rat

**Specific target organ toxicity - repeated exposure**

**STOT - repeated exposure**

NOAEL 430 mg/kg/day, Oral, Rat

**Target organs**

Liver

**SECTION 12: Ecological Information**

**12.1. Toxicity**

The product is not expected to be hazardous to the environment.

## NEUTRA-SOFT

### Ecological information on ingredients.

#### Citric acid monohydrate

##### **Acute toxicity - fish**

LC50, 48 hours: 440 mg/l,

#### Alkane C6-C8 (even numbered), 1-sulphonic acid, sodium salt

##### **Acute toxicity - fish**

LC<sub>50</sub>, : >100 mg/l,

##### **Acute toxicity - aquatic invertebrates**

LC<sub>50</sub>, : >100 mg/l, Daphnia magna

##### **Acute toxicity - aquatic plants**

NOEC, : 6.25 mg/l,

### 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.

### 12.3. Bioaccumulative potential

Not known.

#### **Partition coefficient**

Not determined.

### 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

None known.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

#### **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

Not classified for transportation.

### 14.2. UN proper shipping name

None.

### 14.3. Transport hazard class(es)

ADR/RID class -

IMDG class -

### 14.4. Packing group

None.

### 14.5. Environmental hazards

## NEUTRA-SOFT

### Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

None.

### 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 24/07/2014

Revision 4

Supersedes date 27/08/2013

Signature Aaron Saunders

### Risk phrases in full

- R22 Harmful if swallowed.
- R36 Irritating to eyes.
- R38 Irritating to skin.

### Hazard statements in full

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.

### 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.