

# SAFETY DATA SHEET

Hazardous according to the criteria of NOHSC.

## Section 1: Product and Company Identification:



## Protein & Stain Spotter

Multi Task Spotter for Carpet, Upholstery & Fabrics

Cleaning Systems Ltd  
659 Great South Road  
Penrose, Auckland, 1061  
New Zealand

Phone: (09)579 4114  
E-Mail: [www.cleaningsystems.co.nz](http://www.cleaningsystems.co.nz)

**For 24hr Emergency Advice:** Call the National Poisons & Hazardous Chemical Information Centre (03) 474-7000 or Emergency Services dial 111

**Date of MSDS Preparation:** 1 January 2012

## Section 2: Hazard Identification

HAZARDOUS SUBSTANCE ACCORDING TO THE CRITERIA OF NOHSC  
NON DANGEROUS GOODS ACCORDING TO THE Australian Dangerous Goods Code

**Product Name:** Protein & Stain Spotter  
**Product Code:** -  
**Risk Phrase:** R36 Irritating to eyes  
R37 Irritating to respiratory system  
R38 Irritating to skin  
**Safety Phrases:** S(1) Keep out of reach of children  
S24/25 Avoid contact with skin and eyes.

## Section 3: Composition and Information on Ingredients

### INGREDIENTS

All hazardous substances as defined by the NOHSC code 1008 are listed by chemical name and CAS No. Other ingredients which are determined to be non-hazardous are listed by generic name or as "other ingredients determined not to be hazardous."

CHEMICAL NAME	CAS No.	PROPORTION
Ammonia	7664-41-7	<0.5%
Complexing Agents	blend	<5%
Glycol Ether	blend	<5%
Anionic & Non-ionic Surfactants		<10%
Other ingredients determined not to be hazardous		>60%

## Section 4: First Aid

**Swallowed:** If poisoning occurs, immediately contact a doctor or a Poisons Information Centre Tel 0800 764 766. Do NOT induce vomiting. Give 3 glasses of water.

**Eyes:** In case of contact with eyes, flush immediately under running water (ensure eyelids are held open) for 15 minutes. If irritation persists contact a doctor or Poisons Information Centre.

**Skin:** Remove contaminated clothing immediately and wash skin thoroughly with soap and water. Seek medical advice if irritation persists.

**Inhaled:** Remove from contaminated area. Apply artificial respiration if not breathing.

**First Aid Facilities:** Normal washroom facilities.

**Advice to doctor:** Treat symptomatically.

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## Section 5: Fire Fighting Measures

- Flammability:** Not flammable or combustible.
- Fire/Explosion Hazard:** Use dry chemical, foam or water fog. Wear full body protective clothing with self-contained breathing apparatus (SCBA) and protective gloves. Prevent by any means available to prevent any spillage entering a watercourse.
- Hazardous Combustion Products:** None known

## Section 6: Accidental Release Measures

- Spills and Disposals:** **Large Spills** - Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labeled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle.
- Small Spills** – Flush away with copious amounts of water.
- Personal Protective Equipment:** Refer to Section 8 of this MSDS for PPE required.

## Section 7: Safe Handling Information

- Storage & Transport:** Store in a cool place and out of direct sunlight. Keep container sealed when not in use. Store locked up and out of reach of children. Only store in the original container as supplied by the manufacturer.
- Handling:** Always use recommended Personal Protective Equipment (see section 8 of this MSDS). Do not mix with any other chemical unless expressly recommended by the manufacturer.

## Section 8: Exposure Controls and Personal Protection

- Exposure Standards:** No exposure standards have been assigned to this product.
- Engineering Controls:** Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.
- Personal Protection Equipment:**
- Gloves – Use NBR or vinyl gloves.
  - Goggles – Not normally required. If eye contact is likely then use chemical goggles.
  - Respiratory Protection – Not normally required. If used in confined spaces, select and use respirators in accordance with AS/NZS 1715/1716. The use of half-face P1 (dust/mist)respirator with replaceable filters is recommended.

## Section 9: Physical and Chemical Properties

- Appearance:** Clear liquid with ammonia odour.
- Boiling Point:** 100°C
- Vapour Pressure:** Not available
- Specific Gravity:** 1.00
- Flashpoint:** Not flammable
- Flammability Limits:** Not flammable
- Solubility in Water:** Completely soluble
- OTHER PROPERTIES**
- Corrosiveness:** Not corrosive.
- Reactivity:** Not reactive.
- pH:** 11.8

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## Section 10: Stability and Reactivity

<b>Stability:</b>	Stable under normal conditions of use.
<b>Hazardous Decomposition Products:</b>	Non known.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Incompatibilities:</b>	Strong acids.
<b>Conditions to avoid:</b>	Incompatibilities.

## Section 11: Toxicological Information

### HEALTH EFFECTS

#### ACUTE

<b>Swallowed:</b>	May cause irritation to mouth, throat and stomach with effects including mucous build-up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhea.
<b>Eye:</b>	Will cause irritation to the eyes with effects including: tearing, pain, and temporary blurred vision.
<b>Skin:</b>	May cause irritation to the skin, with effects including; redness, itching and drying/defatting.
<b>Inhaled:</b>	Mists from the product may cause irritation to the nose, throat and respiratory system with effects including; coughing, discomfort, breathing difficulty and shortness of breath.

**CHRONIC** Prolonged or repeated skin contact may lead to dermatitis.

**Toxicological Information:** There is no toxicological information for the product **Protein & Stain Spotter**.

## Section 12: Ecological Information

**Ecological Information:** There is no ecological information for the product **Protein & Stain Spotter**.

## Section 13: Disposal Considerations

<b>Disposal Methods:</b>	Recycle all plastic containers using suitable local council recycling facilities. Rinse out the container with clear water. Avoid tipping product directly into the sewer system.
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## Section 14: Transport Information

**Protein & Stain Spotter** is not classified as a Dangerous Good for transport or storage.

<b>UN Number:</b>	Not allocated
<b>Dangerous Goods Class and Subsidiary Risk:</b>	Not allocated
<b>Proper Shipping Name:</b>	Not allocated
<b>Hazchem Code:</b>	Not allocated
<b>Poisons Schedule No:</b>	Schedule 5

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## Section 15: Regulatory Information

**Poisons Scheduling:** Schedule 5  
 S1 Avoid contact with eyes  
 S4 Avoid contact with skin  
 S5 Avoid breathing vapour

## Section 16: Other Information

**Contact Point:** Poisons Information Centre Tel 0800 764 766  
**Last MSDS Revision:** 1 January 2012

**Sources:**

- National Code of Practice for the Preparation of Material Safety Data Sheet 2<sup>nd</sup> Edition [NOHSC: 2011(2003)]
- National Standard for the Storage and Handling of Workplace Dangerous Goods [NOHSC:1015(2001)]
- Hazardous Substances Information System Data Base 26 July 2011
- Australian Dangerous Goods Code 6<sup>th</sup> Edition
- Standard for the Uniform Scheduling of Medicines and Poisons No.2 August 2011

**Abbreviations:**

ppm	-	parts per million
TLV	-	Threshold Limit Value
mmHG	-	millimetres of Mercury (Hg) – this is a unit of pressure
CAS No.	-	Chemical Abstracts Service Registry Number
TWA	-	Time Weighted Average
STEL	-	Short Term Exposure Limit
PEL	-	Permissible Exposure Limit.
< & >	-	< Less Than > Greater Than
UN	-	United Nations
AICS	-	Australian Inventory of Chemical Substances
LC50	-	<b>Lethal Concentration.</b> LC50 is the concentration of a material in air which causes death of 50% (one half ) of a group of test animals.
LD50	-	<b>Lethal Dose".</b> LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.

**Note:** This Material Safety Data Sheet has been compiled in accordance with the National Code of Practice for the Preparation of Material Safety Data Sheets 2<sup>nd</sup> Edition [NOHSC:2011(2003)]

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