

Material Safety Data Sheet

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Issue date: November 2005

TRAFFIC LANE CARBONATE PRE-SPRAY

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: TRAFFIC LANE CARBONATE PRE-SPRAY

Manufacturer's Product Code(s): C170-CS, C170-G

Use: A pre-spray for enhancing carpet cleaning and heavy soiled areas.

CHEM-DRYÆ AUSTRALIA

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2. HAZARDS IDENTIFICATION

HAZARDOUS ACCORDING TO ASCC/NOHSC/EU CRITERIA

Hazard Category: Irritant (Xi)

Hazard Classification: HAZARDOUS SUBSTANCE, NON-DANGEROUS GOOD

RISK PHRASES

R36 Irritating to eyes.

SAFETY PHRASES

S24 Avoid contact with skin.

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

Road Transport

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

Poison Schedule: None allocated [Aust].

Warning Statement:

Irritating to eyes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
SODIUM SESQUICARBONATE	1 to 5 %	533-96-0
SODIUM XYLENE SULFONATE	1 to 5 %	1300-72-7
PROPYLENE GLYCOL PROPYL ETHER	10 to 30 %	1569-01-3
WATER	60 to 100 %	7732-18-5

All other ingredients not hazardous according to ASCC/NOHSC/EU Criteria.

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4. FIRST AID MEASURES

Swallowed:

If swallowed, **DO NOT** induce vomiting. If conscious, give 1 to 2 glasses of water to drink. Seek immediate medical assistance.

Eye:

If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eye lids are held open. If irritation persists transport to hospital or doctor.

Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation persists transport to hospital or doctor.

Inhaled:

Move victim to fresh air. Apply resuscitation if victim is not breathing.

First Aid Facilities:

Eye wash fountain, safety shower and normal wash room facilities.

Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 131126

In New Zealand Tel: 034747000

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

Suitable Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

Hazards From Combustion Products: Decomposes on heating emitting oxides of carbon, sodium oxide and noxious smoke.

Precautions for Fire Fighters and Special Protective Equipment: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

HAZCHEM CODE: None allocated [Aust]

FLAMMABILITY

This material is not a flammable or combustible liquid.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Keep unnecessary people away; If product spills onto floors it will represent a slip hazard, walk cautiously. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS.

Methods and Materials for Containment and Clean Up Procedures:

Dike area using with an absorbent such as diatomaceous earth - to prevent run off into drains and waterways. Throw further absorbent (diatomaceous earth or other inert material) on top of spill, **ALLOW TO ABSORB**, then shovel up and seal in properly labeled containers for disposal. Remainder of material can be neutralized with vinegar and flushed to drain with large amounts of water.

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7. HANDLING AND STORAGE

Precautions for Safe Handling:

Store away from acids and oxidizing agents. For further information please refer to the Engineering Controls of this MSDS.

Conditions for Safe Storage:

Keep containers tightly closed, when not using this product. Store in a cool place and out of direct sunlight. Store in original packages as approved by manufacturer*.

* For further information please contact your Local Chem-Dry representative.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No exposure standards are available for this product, however, the following exposure standards have been assigned by [NOHSC] to the following components of the product:

SODIUM SESQUICARBONATE

[NOHSC]

[TWA]10 mg/m³

Based upon a nuisance dust potential.

Engineering Controls

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate.

Personal Protection Equipment

GLOVES: Not normally required, however, if handling large quantities or if the skin is likely to be exposed to this product over prolonged periods, then the use of neoprene or nitrile is recommended.

EYES: Chemical goggles or spectacles with side shields to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours/gases. The use of a respirator is not normally required, however, if working in areas of poor ventilation then the use of a half-face respirator fitted with an organic vapour cartridge is recommended. Select and use respirators in accordance with AS/NZS 1715/1716.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to cloudy liquid with a faint ethereal odour.
Boiling Point:	Not available.
Melting Point:	Not available.
Vapour Pressure:	Not available.
Specific Gravity:	1.06
Flash Point:	Water content interferes with flashpoint.
Flammability Limits:	Not applicable.
Solubility in Water:	Soluble.

Other Properties

pH:	9.5 - 10.0 (concentrate)
% Volatiles:	90 %

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:

Stable under normal conditions of use.

CONDITIONS TO AVOID:

High temperatures and mixing with incompatibles.

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10. STABILITY AND REACTIVITY (Continued)

INCOMPATIBLE MATERIALS:

Strong mineral acids (sulfuric, nitric and hydrochloric), and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Decomposes on heating emitting oxides of carbon, sodium oxide and noxious smoke.

HAZARDOUS REACTIONS:

Will not occur.

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

ACUTE HEALTH EFFECTS:

Swallowed:

May cause irritation to mouth, throat and stomach with effects including pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

Eye:

Will cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Skin:

May cause irritation to the skin, with effects including; Redness and itchiness.

Inhaled:

Mists from the product may cause irritation to the respiratory system.

Chronic:

Prolonged contact may cause severe eye irritation and some form of permanent eye damage may occur.

There is no toxicological information available for this product, however, for the ingredients:

Propylene Glycol Propyl Ether:

Oral LD50(rat): 2,504 mg/kg

Dermal LD50(rabbit): 3,550 mg/kg

Sodium Sesquicarbonate:

Oral LD50(rat): > 2,000 mg/kg

Sodium xylene sulfonate:

Oral LD50(rat): 4,000 mg/kg

12. ECOLOGICAL INFORMATION

There is no ecotoxicological information available for this product, however, for the following components:

Propylene Glycol Propyl Ether:

LC50(Fathead minnow): > 1,000 mg/L

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13. DISPOSAL CONSIDERATIONS

Neutralize with weak acid (e.g. vinegar) and flush to sewer with large quantities of water, if in doubt, refer to appropriate authority in your State or otherwise, dispose of material through a licensed waste contractor.

14. TRANSPORT INFORMATION

Road Transport

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

Label: Irritant (Xi)

Air Transport

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

Label: Irritant (Xi)

Sea Transport

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

Label: Irritant (Xi)

15. REGULATORY INFORMATION

Poison Schedule: None allocated [Aust]

Inventory Status:

<i>Inventory</i>	<i>Status</i>
Australia (AICS)	Y
United States (TSCA)	Y
Europe (EINECS/ELINCS)	Y

Y = all ingredients are on the inventory.

16. OTHER INFORMATION

Date of Preparation:

Issue date: November 11, 2005

Supersedes: December 25, 2001

Reasons for Update:

1. Alignment with the 2nd Edition of National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC:2001(2003)].
2. Changes and /or addition made to all sections.

Key Legend Information:

NOHSC - National Occupational Health & Safety Commission {Formerly Worksafe}[Aust]

ASCC - Australian Safety and Compensation Council [Aust]

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons [Aust]

TWA - Time Weighted Average [Int]

STEL - Short Term Exposure Limit [Int]

AICS - Australian Inventory of Chemical Substances

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16. OTHER INFORMATION (Continued)

Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76:1997) [Aust]

EPA - Environmental Protection Agency [Int]

NIOSH - National Institute for Occupational Safety and Health [US]

TSCA - Toxic Substances Control Act [US]

OSHA - Occupational Safety and Health Administration [US]

AS/NZS 1715 - Selection, use and maintenance of respiratory protective devices. [Aust/NZ]

AS/NZS 1716 - Respiratory protective devices. [Aust/NZ]

Hazchem Code - Fire fighters designation [Aust]

IATA - International Aviation Transport Authority [Int]

ICAO - International Civil Aviation Organization [Int]

IMO - International Maritime Organisation. [Int]

IMDG - International Maritime Dangerous Goods [Int]

United Nations Recommendations for the Transport of Dangerous Goods and Globally Harmonized System for the classification and labelling of Chemicals. [Int]

EINECS - European Inventory of Existing Commercial Chemical Substances. [Int]

ELINCS - European List of Notified Chemical Substances. [Int]

EU - European Union [Int]

EU Directives: The classification criteria used, are adopted from the European Community's (EC) legislation for classifying dangerous substances. The criteria are taken from:

EC Council Directive 67/548/EEC

EC Council Directive 1999/45/EC

[Aust/NZ] = Australian New Zealand

[Int] = International

[US] = United States of America

Principal References:

Information supplied by manufacturer, reference sources including the public domain.

Disclaimer

This MSDS summarises our best knowledge of the health and safety hazard information available on the product and the measures to be used to handle and use the product safely. Each user should read this MSDS and consider the information in connection with the way the product is intended to be handled or used. Responsibilities of the supplier associated with this product are outlined in our standard terms and conditions, a copy of which is sent to customers and is available on request.

END OF MSDS