

# Safety Data Sheet

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Issue date: July 2014

Hazardous according to criteria of Worksafe Australia

## EZY CLEAN BLUE AEROSOL

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** EZY CLEAN BLUE AEROSOL

**Synonym:** None allocated

**Use:** Graffiti Remover

**Graffiti Removal Systems Pty Ltd**  
2/49 Webber Parade Keilor East Victoria 3033  
**Tel: (61) 1300 59 77 80**  
**Fax: (61 3) 5146 0432**  
**Email: sales@grchemicals.com.au**  
**Website: www.graffitiremovalchemicals.com.au**

**A.C.N. 079 733 163**

**A.B.N. 48 079 733 163**

**Emergency Advice All Hours:**

**A.H. Emergency No (03) 9799 9833 Technical Manager**

### 2. HAZARDS IDENTIFICATION

HAZARDOUS ACCORDING TO EU CRITERIA

**Hazard Category:** Irritant (Xi)

**Hazard Classification:** HAZARDOUS SUBSTANCE, DANGEROUS GOOD

#### RISK PHRASES

R11 Highly flammable

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R50 Very toxic to aquatic organisms.

R53 May cause long term adverse effects in the aquatic environment.

#### SAFETY PHRASES

S2 Keep out of reach of children.

S7 Keep container tightly closed.

S9 Keep container in a well-ventilated place

S16 Keep away from sources of ignition - No smoking.

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.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S60 This material and/or its container must be disposed of as hazardous waste.

S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

**Poison Schedule:** S5 [Aust]

This material is a Scheduled **S5** Poison and must be stored, handled and used according to the appropriate regulations..

#### Warning Statement:

Danger

INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING CONTENTS CAN BE HARMFUL OF FATAL

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
ETHANOL	10 to 30%	64-17-5
BENZYL ALCOHOL (Below Cutoff)	10 to 30%	100-51-6
d-LIMONENE	10 to 30%	5989-27-5
HYDROCARBON PROPELLANT	10-30%	Mixture

All other ingredients not hazardous according to EU Criteria.

### 4. FIRST AID MEASURES

#### Swallowed:

If poisoning occurs, contact a doctor or Poisons Information Centre (dial 13 11 26 anywhere in Australia). If swallowed and more than 15 minutes from a hospital, DO NOT INDUCE VOMITING. If sprayed in mouth, rinse out then give milk or water to drink.

#### Eye:

Keep victim calm and warm. In case of freeze burns URGENTLY transport to hospital or doctor. In normal use situations, however, if material is splashed or lightly sprayed into eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. If irritation persists transport to hospital or doctor.

#### Skin:

In normal use situations if product is lightly sprayed onto the skin, immediately remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation persists transport to hospital or doctor.

#### Inhaled:

Remove victim to fresh air - Apply resuscitation if victim is not breathing - Administer oxygen if breathing is difficult.

#### 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

Fire/Explosion Hazard: If safe to do so, move undamaged containers from fire area. If safe to do so, move undamaged containers from fire area. If involved in a fire cans may explode if subjected to heat greater than 54°C.

Hazardous Decomposition Products: Emits oxides of carbon and other decomposition products.

Fire Fighting Procedures: 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.

Extinguishing Media: Use foam, carbon dioxide or dry chemical powder.

**HAZCHEM CODE: 2Y**

#### FLAMMABILITY

This product is considered to be flammable. Contents under pressure.

### 6. ACCIDENTAL RELEASE MEASURES

Ventilate area. Extinguish all sources of ignition, heat and naked flames. Wear personal protective equipment as highlighted in this MSDS. Approach spill / punctured can-area cautiously. If large number of cans have burst/punctured, remove all unnecessary personnel from the area and allow the propellant to evaporate to the atmosphere. When safe, approach area and place foam, dirt, sand or earth on spill and then scoop up with non-sparking tools and place into suitably labeled drum for later disposal.

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### 7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat, ignition, sparks, flames or electrical discharges. All equipment must be earthed. Do not store above 50°C. Store away from oxidizing agents. Store in original cylinders as approved by manufacturer.

### 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:

#### *ETHANOL*

(Worksafe Australia)

[TWA]1,000 ppm            1,880 mg/m<sup>3</sup>

#### References: H

**Mutagenic Category:** National Occupational Exposure Standard (NES), Safe Work Australia (formerly ASCC/NOHSC)

(ACGIH)

[TWA]1,000 ppm            1,880 mg/m<sup>3</sup>

#### *BENZYL ALCOHOL (Below Cutoff)*

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC)

#### *d-LIMONENE*

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC)

#### 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: Not normally required, however, if can is punctured or leaking then use thermally insulated gloves.

EYES: Chemical goggles or faceshield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours, mists or spray. Select and use respirators in accordance with AS/NZS 1715/1716. When mists or vapours exceed the exposure standards then the use of half-face organic vapour respirator is recommended. Filter capacity and respirator type depends on exposure levels.

If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Coloured liquid with citrus odour
<b>Boiling Point Melting Point:</b>	Not established
<b>Vapour Pressure:</b>	Not available
<b>Specific Gravity:</b>	0.87 - 0.89
<b>Flash Point:</b>	29 degress celcius
<b>Flammability Limits:</b>	0.5 - 11.2%
<b>Solubility in Water:</b>	Not soluble

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### 10. STABILITY AND REACTIVITY

**STABILITY:**

Stable under normal conditions of use.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Emits oxides of carbon upon decomposition.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**INCOMPATIBILITIES:**

Strong alkalis, acids, and oxidizing agents.

**CONDITIONS TO AVOID:**

Heat, flames, ignition sources and incompatibles.

### 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 mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

**Eye:**

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision. These effects are anticipated to be of a short acting nature and no long term injury is anticipated, if the product is removed promptly.

**Skin:**

Will cause irritation to the skin, with effects including; Redness, itchiness, and drying/defatting.

**Inhaled:**

Mists from the product may cause irritation to the nose, throat and respiratory system with effects including: Dizziness and headache.

**Chronic:**

Prolonged or repeated skin contact may lead to dermatitis.

Prolonged or repeated contact with this substance will cause sensitisation by skin contact.

**Toxicological Data:**

There is no other toxicological information available for this product.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

No Data

**Mobility:**

No Data.

**Persistence / Degradability:**

No Data

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### Chemical Fate Information:

No Data

This substance is Very Toxic to aquatic organisms

This substance may cause long term adverse effects in the aquatic environment.

This substance may cause long term adverse effects in the environment

### 13. DISPOSAL CONSIDERATIONS

Seek expert advice in all cases dealing with leaking or suspicious cylinders. Remove all unnecessary personnel from the area. If safe to do so, move container to well-ventilated area, away from all personnel and allow to naturally vent to atmosphere.

### 14. TRANSPORT INFORMATION

#### Road Transport

**UN Number:** 1950

**Proper Shipping Name:** AEROSOLS

**Dangerous Goods Class:** 2

**Packing Group:** None allocated

**Label:** Irritant (Xi)

#### Air Transport

**UN Number:** 1950

**Proper Shipping Name:** AEROSOLS

**Dangerous Goods Class:** 2

**Packing Group:** None allocated

**Label:** Irritant (Xi)

#### Sea Transport

**UN Number:** 1950

**Proper Shipping Name:** AEROSOLS

**Dangerous Goods Class:** 2

**Packing Group:** None allocated

**Label:** Irritant (Xi)

Classified as a CLASS 2.1 (FLAMMABLE NON TOXIC GAS) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, 6th Edition.

Dangerous goods of Class 2.1 (Flammable Non-toxic gas), are incompatible in a placard load with any of the following:

- Class 1
- Class 4.2
- Class 5.2

Emergency information (Transport):

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

For Aerosol Dispensers No: 49

### 15. REGULATORY INFORMATION

**Poison Schedule:** S5 [Aust]

#### Inventory Status:

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

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Japan (MITI) Y  
South Korea (KECL) Y

Y = all ingredients are on the inventory.

### 16. OTHER INFORMATION

#### Date of Preparation:

Issue date: 24/06/2014  
Supersedes: Not applicable

#### Reasons for Update:

Not applicable

#### Key Legend Information:

NOHSC - National Occupational Health & Safety Commission {Formerly Worksafe}[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  
EPA - Environmental Protection Agency [Int]  
NIOSH - National Institute for Occupational Safety and Health [US]  
AS/NZS 1715 - Selection, use and maintenance of respiratory protective devices. [Aust/NZ]  
AS/NZS 1716 - Respiratory protective devices. [Aust/NZ]  
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]  
EU - European Union

[Aust/NZ] = Australian New Zealand  
[Int] = International  
[US] = United States of America

Removal of the heading of *Poison Schedule [Aust]*, in section 3 and 15 of this Safety Data Sheet (SDS) makes this a valid health and safety document in other international jurisdictions/countries. For full compliance please contact your Federal, State or Local regulators for further information.

#### Disclaimer

This SDS 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 SDS and consider the information in connection with the way the product is intended to be handled or used.

#### Principal References:

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

**END OF SDS**