

VENUE

GLASS CLEANER SUPER CONCENTRATE

1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **VENUE**
Other Names: None
Manufacturer's Product Code: VEN5
Product Use: Glass Cleaner Concentrate.

COMPANY DETAILS

Company: Agar Cleaning Systems Pty. Ltd.
Address: 12-14 Cope Street, Preston, Vic. 3072
Telephone: 03 9480 3000 Facsimile: 03 9480 5100
Web: www.agar.com.au
Agar MSDS are available from this website.
E-mail: admin@agar.com.au

Emergency Telephone Number: **131 126** (Aust wide)

2 HAZARDS IDENTIFICATION

Hazardous according to criteria of Worksafe Australia.
Harmful Xn

R10 Flammable.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R37 Irritating to respiratory system.

S2 Keep out of reach of children.

S24/25 Avoid contact with skin and eyes.

Venue becomes non-hazardous at concentrations below 57% in water.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:

Chemical Entity:	CAS No.:	Proportion:
2-butoxy ethanol amine	111-76-2	10 - < 30 % < 10 %
surfactants	non-haz	< 10 %
ethanol		30 - < 60%
water		30 - < 60%

4 FIRST AID MEASURES

Poisons Information Centre: Phone **131 126**

Swallowed: If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Rinse mouth with water. Never give anything by mouth to an unconscious person.

Eye: Immediately hold the eyes open and wash continuously for at least 15 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin: Remove any contaminated clothing and flush area with water and soap if available. Seek medical attention in the event of irritation.
Inhaled: Remove affected person to fresh air. Lay patient down. Keep warm and rested. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation. Transport to doctor or hospital.

5 FIRE FIGHTING MEASURES

Fire/Explosion Hazard: Venue is flammable.
Fire Extinguishing media: Water spray or fog. Foam. Dry chemical powder. Carbon dioxide.
Special fire-fighting procedures: None.
Unusual fire hazards: None.
Hazardous products of combustion: Thermal decomposition at temperatures above 200°C or in a large fire may yield toxic fumes. Use adequate ventilation.

6 ACCIDENTAL RELEASE MEASURES

Clean up all spills immediately. Spills may be slippery. Avoid contact with skin and eyes. Contain spill and mop up. Place in a suitable, labelled container for waste disposal.

If spilled on clothing, remove and launder before re-use.

7 HANDLING AND STORAGE

Storage and Transport: Store in a cool, dry place away from foodstuff containers. Keep away from ignition sources.

Incompatibility (Materials to avoid for purposes of transport, handling and storage only): Avoid storage with strong acids.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: None assigned for mixture. Data for principal ingredients only:

Atmospheric Contaminant Exposure Standard for:
2-butoxyethanol: CAS No. 111-76-2
TWA = 25 ppm 'skin', (121 mg/cu.m.)
ethanol TWA = 1000 ppm (1880 mg/cu.m.)
[Source: Worksafe Australia NOHSC:1003(1995)].

Engineering Controls: Ventilation: Use with adequate ventilation. Avoid breathing vapour of product.

Mechanical ventilation: not required under normal conditions, but local exhaust ventilation should be used to control any air contaminants to within the Exposure Standards.

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Personal Protection: Avoid contact with skin and eyes. Do not breathe vapour.

Gloves – Impervious natural rubber, butyl rubber, nitrile or PVC gloves should be worn.

Note: Resistance of glove materials can vary. Evaluate resistance under conditions of use and maintain PPE carefully.

Eye-protection - Safety glasses to be worn if there is a risk of splashing.

Respiratory - Wear an appropriate safety mask if exposed to concentrated vapour from product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Transparent blue liquid

Odour: Slight solvent odour

pH = 11.5 - 12

Vapour Pressure: N/K

Vapour Density: N/K

Boiling Point : 100°C

Freezing Point: < 0°C

Flash Point = 37°C open cup

Solubility in water: Infinitely miscible

Specific Gravity : 1.00

Evaporation rate: As water

% Volatile by vol: 99%

10 STABILITY AND REACTIVITY

Stable.

Hazardous polymerization: None.

11 TOXICOLOGICAL INFORMATION

Health Effects: *Acute* –

Swallowed: Harmful. Irritating to the gastro-intestinal tract.

Eye: Harmful. Eye contact may result in severe irritation.

Skin: Harmful. Principal route of exposure is usually by skin contact. Irritating to the skin and capable of causing skin reactions. Repeated or prolonged skin contact may cause swelling, redness, blistering or dermatitis.

Inhalation: Irritating to respiratory system. Inhalation of concentrated vapours may cause irritation to mucous membranes.

Health Effects: *Chronic* -

Data for 100% 2-butoxy ethanol: delayed effects: blood effects and injury to liver and kidney.

Toxicity data: not available for mixture. Data for main ingredients:

2-butoxy ethanol oral LD50 (rat) = 470 mg/kg
oral LD50 (rabbit) = 320 mg/kg

(Note: this data is from published information. Agar Cleaning Systems does not carry out animal tests).

12 ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and degradability: -

Mobility: -

Advice: -

13 DISPOSAL CONSIDERATIONS

For disposal, refer to State Land Waste Management authority.

14 TRANSPORT INFORMATION

UN No.: 1993 | Class: 3 | Packg.Group: III | Hazchem: 3[Y]

15 REGULATORY INFORMATION

Poisons Schedule Number: Schedule 6.

16 OTHER INFORMATION

AICS Listing: All components of Venue are listed on the Australian Inventory of Chemical Substances (AICS).

Date: This MSDS issued: April 24, 2006

Abbreviations: N/K = Not Known

TWA = Time Weighted average

STEL = Short term exposure limit

CAS = Chemical Abstracts Service

N/A = Not applicable

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End of MSDS.