

Material Safety Data Sheet



GEMSTAR LASER

1. Identification of the material and supplier

Trade name of product : GEMSTAR LASER
ADG : Not regulated.
Supplier : ECOLAB PTY LTD (A.B.N. 59 000 449 990)
2 Drake Avenue, Macquarie Park NSW 2113
Customer Service phone: 1 800 022 002
Free Fax Number: 1 800 655 679
Emergency telephone number : 1 800 124 170
Material uses : Floor care product

Product dilution information : Not applicable

Date of issue : 28 June 2013

2. Hazards identification

Product AS SOLD
Statement of hazardous/dangerous nature : **Not classified as hazardous** according to the criteria of Safe Work Australia **nor classified as dangerous goods** according to the ADG Code.
Classification : Not applicable.
Risk phrases : Not classified.
Safety phrases : Not applicable.

Product AT USE DILUTION
Product is sold ready to use.

3. Composition/information on ingredients

Product AS SOLD

Ingredient name	CAS number	Concentration % (w/w)
ethanol, 2-(2-ethoxyethoxy)-	111-90-0	<10

Other ingredients, determined not to be hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

Product AT USE DILUTION

Ingredient name	CAS number	Concentration % (w/w)
Product is sold ready to use.		

Other ingredients, determined not to be hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

4. First-aid measures

Product AS SOLD
Eye contact : Rinse with plenty of running water. Get medical attention if symptoms occur.
Skin contact : In case of contact, immediately flush skin with plenty of water. Get medical attention if symptoms occur. Wash clothing before reuse.
Inhalation : Remove to fresh air. Get medical attention if symptoms occur.

Product AT USE DILUTION
Product is sold ready to use.

4. First-aid measures

- Ingestion** : Do not induce vomiting. Rinse mouth; then drink one or two large glasses of water. Contact a doctor or a Poisons Information Centre (Phone: 13 11 26).
- Notes to physician** : No specific treatment. Treat symptomatically.

5. Fire-fighting measures

Product AS SOLD

- Extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Fire-fighting media and instructions** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Fire/explosion hazards** : No specific hazard.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
phosphorus oxides

6. Accidental release measures

Product AS SOLD

- Personal precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
- Environmental precautions** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Methods for cleaning up** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Product AT USE DILUTION

Product is sold ready to use.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

Product AS SOLD

- Handling** : Remove contaminated clothing and protective equipment before entering eating areas.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.

Product AT USE DILUTION

Product is sold ready to use.

8. Exposure controls/personal protection

Product AS SOLD
Occupational exposure limits : No exposure standard allocated.

Product AS SOLD
Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Personal protection

Eyes : No protective equipment is needed under normal use conditions.

Hands : No protective equipment is needed under normal use conditions.

Respiratory : No protective equipment is needed under normal use conditions.

Skin : No protective equipment is needed under normal use conditions.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Product AT USE DILUTION

Product is sold ready to use.

9. Physical and chemical properties

Product AS SOLD

Physical state : Emulsion

Colour : White

Odour : Acrylic

pH : 7.66 to 9.66 [Conc. (% w/w): 100%]

Flash point : >93 °C (Closed cup)

Relative density : 1.005 to 1.035

Solubility : Easily soluble in the following materials: cold water and hot water.

Product AT USE DILUTION

Product is sold ready to use.

10. Stability and reactivity

Product AS SOLD

Stability : The product is stable.

Conditions to avoid : No specific data.

Materials to avoid : Reactive or incompatible with the following materials: oxidizing materials.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

11. Toxicological information

Potential acute health effects

Product AS SOLD

- Inhalation** : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Eye contact : No known significant effects or critical hazards.

Product AT USE DILUTION

Product is sold ready to use.

Potential chronic health effects

- Carcinogenicity** : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Reproductive toxicity : No known significant effects or critical hazards.

12. Ecological information

Product AS SOLD

Ecotoxicity data

Product/ingredient name	Result	Species	Exposure
ethanol, 2-(2-ethoxyethoxy)-	Acute LC50 13900 mg/L		96 hours
	Acute LC50 6010 mg/l		96 hours

Persistence/degradability : Not available.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
ethanol, 2-(2-ethoxyethoxy)-	-0.54	-	low

Mobility : Not available.

Other adverse effects : No known significant effects or critical hazards.

13. Disposal considerations

Product AS SOLD

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Product AT USE DILUTION

Product is sold ready to use.

14. Transport information

Product AS SOLD

Regulation	UN number	Proper shipping name	Classes	Packing group	Additional information
ADG	Not regulated.	-	-	-	-
IMDG	Not regulated.	-	-	-	-

15. Regulatory information

Product AS SOLD

AU Classification : **Not classified as hazardous** according to the criteria of Safe Work Australia **nor classified as dangerous goods** according to the ADG Code.
Not classified.

Australia inventory (AICS) : All substances are listed on AICS or exempt.

Standard for the Uniform Scheduling of Medicines and Poisons

Not scheduled

Control of Scheduled Carcinogenic Substances

<u>Ingredient name</u>	<u>Schedule</u>
No listed substance	

Product Registration Status : Kosher

16. Other information

Prepared by : Regulatory Affairs

Date of previous issue : 1 November 2012

References :

- ADG Code - Australian Transport of Dangerous Goods
- Adopted National Exposure Standard for Atmospheric Contaminants in the Occupational Environment
- Approved Criteria for Classifying Hazardous Substances
- List of Designated Hazardous Substances
- National Code of Practice for the Labelling of Workplace Substances
- National Code of Practice for the Preparation of Material Safety Data Sheets
- National Model Regulations for the Control of Scheduled Carcinogenic Substances
- National Model Regulations for the Control of Workplace Hazardous Substances
- Standard for the Uniform Scheduling of Medicines and Poisons

Disclaimer

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, **NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.**