

SAFETY DATA SHEET

PURA CHOICE GLASS & SURFACE CLEANER – LEMON MYRTLE

Infosafe No.: GEN2B
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ISSUED by: RUBBEDIN PTY LTD

1. IDENTIFICATION

GHS Product Identifier

PURA CHOICE GLASS & SURFACE CLEANER – LEMON MYRTLE

Product Code

62-00

Company Name

RUBBEDIN PTY LTD

Address

Unit 1/43 Neumann Road Capalaba
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Telephone/Fax Number

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Emergency phone number

+61 405 358 685 (24/7)

Recommended use of the chemical and restrictions on use

Hard surface cleaning

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Flammable Liquids: Category 3

Eye Damage/Irritation: Category 2

Signal Word (s)

WARNING

Hazard Statement (s)

Flammable liquid and vapour. Causes serious eye irritation.

Pictogram (s)

Flame, Exclamation mark

**Precautionary statement – Prevention**

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash contaminated skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use carbon dioxide, dry chemical or foam for extinction.

Precautionary statement – Storage

Store in a well-ventilated place. Keep cool.

Precautionary statement – Disposal

Dispose of contents/container to an approved waste disposal plant.

Other Information

HMIS rating:

Health Hazards: 2

Flammability: 2

Physical hazard: 0

Personal Protective Equipment: X

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	EINECS	Proportion
Ethanol	64-17-5	200-578-6	7-14 %
Ingredients determined not to be hazardous, including water			Balance

4. FIRST-AID MEASURES

Inhalation

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.

Skin

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

Eye contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.

First Aid Facilities

Eyewash, safety shower and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other Information

For advice in an emergency, contact a Poisons Information Centre or a doctor at once.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide, dry chemical or foam. Alcohol resistant foam is preferred. If not available normal foam can be used.

Unsuitable Extinguishing Media

Do not use water jet.

Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Specific Hazards Arising From The Chemical

Flammable liquid and vapour. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.

Decomposition Temperature

Not available

Precautions in connection with Fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapours. This product should be prevented from entering drains and watercourses.

Other Information

NFPA rating:

Health Hazards: 2

Flammability: 2

Instability: 0

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. As a water based product, if spilt on electrical equipment the product will cause short-circuits. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with skin and eyes. Wear overalls, impervious gloves and safety glasses. Use in designated areas with local exhaust ventilation, away from sparks, flames and other ignition sources. Use approved flammable liquid storage containers in the work area. Prevent release of vapours and mists into workplace air. Keep containers tightly closed. Take precautionary measures against static discharges. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Protect from freezing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Ethanol	ACGIH	STEL	1000	ppm	A3, URT irr
Ethanol	OSHA	TWA	1000	ppm	
Ethanol	OSHA	TWA	1900	mg/m3	

Biological Limit Values

No biological limits allocated.

Appropriate Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Eye Protection

Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations.

Hand Protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

Yellow liquid

Colour

Yellow

Odour

Characteristic odour (fragrant)

Decomposition Temperature

Not available

Melting Point

Not available

Boiling Point

100°C (approximate)
(212°F)

Solubility in Water

Completely miscible

Specific Gravity

0.95-1.00 (25°C)
(77°F)

pH

6.5-7.5

Vapour Pressure

Not available

Vapour Density (Air=1)

Not available

Evaporation Rate

Not available

Odour Threshold

Not available

Viscosity

Refer to Section 9: Kinematic Viscosity and Dynamic Viscosity

Volatile Component

Not available

Partition Coefficient: n-octanol/water

Not available

Flash Point

11°C*

(51.8°F)

Flammability

Flammable liquid and vapour.

Auto-Ignition Temperature

Not available

Flammable Limits - Lower

Not available

Flammable Limits - Upper

Not available

Explosion Properties

Not available

Oxidising Properties

Not available

Kinematic Viscosity

Not available

Dynamic Viscosity

Not available

Other Information

*Ethanol

10. STABILITY AND REACTIVITY

Reactivity

Refer to Section 10: Possibility of hazardous reactions

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Heat, open flames and other sources of ignition.

Incompatible materials

Strong oxidising agents.

Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Possibility of hazardous reactions

Reacts with incompatible materials.

Hazardous Polymerization

Not available

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No toxicity data available for this material.

Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Inhalation

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Skin

May be irritating to skin. The symptoms may include redness, itching and swelling.

Eye

Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

Respiratory sensitisation

Not expected to be a respiratory sensitiser.

Skin Sensitisation

Not expected to be a skin sensitiser.

Germ cell mutagenicity

Not considered to be a mutagenic hazard.

Carcinogenicity

Not considered to be a carcinogenic hazard.

Ethanol is listed as A3 – Confirmed Animal Carcinogen with Unknown Relevance to Humans according to American Conference of Industrial Hygienists (ACGIH)

Reproductive Toxicity

Not considered to be toxic to reproduction.

STOT-single exposure

Not expected to cause toxicity to a specific target organ.

STOT-repeated exposure

Not expected to cause toxicity to a specific target organ.

Aspiration Hazard

Not expected to be an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No ecological data available for this material.

Persistence and degradability

Not available

Mobility

Not available

Bioaccumulative Potential

Not available

Other Adverse Effects

Not available

Environmental Protection

Do not discharge this material into waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Dispose of waste according to applicable local and national regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Empty containers may contain flammable residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers. Advise flammable nature. RCRA Hazardous Waste.

14. TRANSPORT INFORMATION

UN Number (Air Transport, ICAO)

1993

IATA/ICAO Proper Shipping Name

Flammable liquid, n.o.s. - (Contains Ethanol)

IATA/ICAO Hazard Class

3

IATA/ICAO Packing Group

III

IATA/ICAO Symbol

Flammable Liquid

IMDG UN No

1993

IMDG Proper Shipping Name

Flammable liquid, n.o.s. - (Contains Ethanol)

IMDG Hazard Class

3

IMDG Pack. Group

III

IMDG Marine pollutant

No

DOT UN NO

1993

DOT Proper Shipping Name

FLAMMABLE LIQUIDS, N.O.S. - (Contains Ethanol)

DOT Class

3

DOT Packing Group

III

DOT Identification (DOT)

UN1993

DOT Special Requirements (Special)

B1,B52,IB3,T4,TP1,TP29

DOT Exceptions (Exceptions)

150

DOT Symbols (Symbols)

G

DOT Non-Bulk Requirements (NON_BULK)

203

DOT Bulk Requirements (BULK)

242

DOT Max. Passgr. Air/Rail. (MAXAIR)

60 L

DOT Max. Cargo Only Air/Rail. (MAXCARGO)

220 L

DOT Stowage (Stowage)

A

Transport in Bulk

Not available

Special Precautions for User

Not available

15. REGULATORY INFORMATION

RCRA

D001

California Proposition 65

Not Listed

USA (TSCA)

One or more components of this product are not listed or exempt from listing on the inventory.

Reportable Quantity

100 lbs

16. OTHER INFORMATION

Date of preparation or last revision of SDS

SDS Created: September 2018

References

ANSI Z400.1/Z129.1-2010. American National Standard for Hazardous Workplace Chemicals – Hazard Evaluation and Safety Data Sheet and Precautionary Labeling Preparation.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

OSHA Table Z-1 Limits for Air Contaminants (June 30, 1993)(29 CFR 1910.1000)(1971 Permissible Exposure Limits (PELs)).

END OF SDS

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