SAFETY DATA SHEET

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1. PRODUCT IDENTIFIER & IDENTITY FOR THE CHEMICAL

Product Identifier: **OLYMPIC CLEEN**

Other Means of Identification:
Proper shipping name (ADG): Not a dangerous good
SUSMP name: Not a scheduled Poison
Other names or synonyms:
Product Code: M1804

Recommended use of the chemical and restrictions on use: Multipurpose Cleaning Liquid. No restrictions.

Supplier Details

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2. HAZARD IDENTIFICATION

Emergency overview: May cause skin and eye irritation, respiratory and gastrointestinal tract irritation.

Classification of the hazardous chemical
Classification by the ADG Code: Not a dangerous good.
Classification by Hazardous Chemical Information System (HCIS) (Australia):
Eye Irrit. 2A, H319
STOT SE 3, H335

Label elements according to the National model Code of Practice for the Labelling of Workplace Hazardous Chemicals (2015)

Hazard pictograms:

Exclamation Mark (GHS07)
Signal word: WARNING
Hazard statements:
H319 Causes serious eye irritation
H335 May cause respiratory irritation
Precautionary statements:
P261 Avoid breathing dust/fume/ gas/mist/vapours/spray.
P264 Wash …thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.

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P280 Wear protective gloves/ protective clothing/ eye protection/face protection.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER or doctor/ physician if you feel unwell.
P337 + P313 If eye irritation persists: Get medical advice/attention
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with local/regional/ national/international Regulations

Other hazards which do not result in classification

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance Name	*Concentration, %*	*Product Identifier*	*Hazard Classes and Hazard Categories*
2-butoxyethanol ethylene glycol monobutyl ether butyl cellosolve	<10	CAS No. 111-76-2 EC No. 203-905-0 Index No.: 603-014-00-0	Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye irrit. 2A, H319 STOT SE 3, H335

Ingredients either below cut off levels or not classified in "Implementing GHS – Annex 9"

Substance Name	*Concentration, %*	*Product Identifier*	*Hazard Classes and Hazard Categories*
(R)-p-mentha-1,8-diene	<1	CAS No. 5989-27-5 EC No. 227-813-5	Flam. Liq 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Haz. 1, H304 Aquatic Env. Acute 1, Aquatic Env Chronic 1, H410

4. FIRST AID MEASURES

Description of necessary first aid measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid immediately.
Skin: Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Discard contaminated clothing in a manner, which limits further exposure. Get medical aid immediately
Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cups of water. Get medical aid immediately.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. DO NOT use mouth-to-mouth respiration. Get medical aid immediately

Symptoms caused by exposure:

Medical Attention and Special Treatment: Treat symptomatically and supportively

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Not flammable. Use agent most appropriate to extinguish surrounding fire.

Specific hazards arising from the chemical

Fire: May produce toxic fumes of carbon monoxide.

Explosion**:** Not an explosion hazard.

Hazchem Code: not applicable

Special protective equipment and precautions for fire fighters

Advice for firefighters: Keep containers cool with water spray. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products. Containers may explode when heated

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use suitable equipment (including PPE) to prevent contamination of skin, eyes and personal clothing. Provide sufficient ventilation.

Emergency procedures, Prevent further leakage or spillage if safe to do so. Keep away from incompatible products.

Environmental precautions:. Do not flush into surface water or sanitary sewer system.

General Information: Use proper personal protective equipment as indicated in Section 8.

Methods and materials for containment and cleaning up

Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Cover with sand, dry lime or soda ash and place in a closed container for disposal. Flush spill area with water.

7. HANDLING AND STORAGE

Precautions for safe handling: General: Eating, drinking and smoking in work areas is prohibited. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas. Use only in a well-ventilated area. Keep container tightly closed. Do not get on skin or in eyes. Do not ingest or inhale.

Conditions for safe storage, including any incompatibilities:. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters – exposure standards, biological monitoring

Airborne Exposure Limits: not set. 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether: ACGIH TLV 10 ppm.

Appropriate engineering controls: Facilities storing or utilising this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local

exhaust ventilation to keep airborne concentrations below the permissible exposure limits

Personal protective equipment (PPE)

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles
Skin: Wear appropriate gloves to prevent skin exposure.
Clothing: Wear appropriate protective clothing to prevent skin exposure.
Respiratory Protection (AS/NZS 1715/1716 Approved): Wear a full-face piece dust/mist respirator
For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Transparent yellow liquid
Odour: slight solvent odour
Odour threshold: Not available
pH: <11.5
Melting point: Not available
Initial boiling point and boiling range: 100ºC approx.
Flash point: Not flammable
Evaporation rate: Not available
Flammability (solid, gas): Not available
Vapour pressure: Not available
Vapour density: Not available
Specific Gravity: 1.0
Solubility: Miscible in all proportions
Partition coefficient: n-octanol/water: Not available
Auto-ignition temperature: Not available
Decomposition temperature: Not available
Viscosity: Not available

10. STABILITY AND REACTIVITY

Reactivity: mild reaction with alkali.
Chemical Stability: Stable under normal temperatures and pressures.
Possibility of Hazardous Reactions: Will not react or polymerise, releasing excess pressure or heat, or create other hazardous conditions**.**
Conditions to Avoid: Excess heat.
Incompatible materials and possible hazardous reactions: Reacts with acids.
Hazardous Decomposition Products: Oxides of phosphorus, carbon and sulfur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: no data
Health Effects
Skin: Mildly irritating. Prolonged exposure to concentrated product may defat the skin.
Eye: Severely irritating.
Ingestion: Ingestion may cause gastric upset and nausea. Large doses may be harmful to the health.
Inhalation: Vapour is mildly irritating to the respiratory tract and mucous membranes. Prolonged inhalation of vapour may cause nausea and headaches.
Chronic: no data

Respiratory or skin sensitisation: Not sensitising
Germ cell mutagenicity: Not available
Carcinogenicity: Not available
Reproductive toxicity: Not available
Specific Target Organ Toxicity (STOT) – single exposure: Not available
Specific Target Organ Toxicity (STOT) – repeated exposure: Not available
Aspiration hazard: Not available
Information on Possible routes of exposure: Ingestion, Inhalation, Skin/ eye exposure.
Delayed Health Effects from Exposure: Not available
Interactive Effects: Not available
Mixtures of Chemicals: No data for product. However the following data is for the ingredients.
: 2-Butoxyethanol: Oral ATE 1200 mg/kg; Oral rat LD50: 470 mg/kg; Inhalation rat LC50: 450ppm/4H; Skin rabbit LD50: 220 mg/kg; investigated as a tumorigen, mutagen, reproductive effector. Not an NTP or IARC carcinogen. Reproductive Toxicity: Has shown teratogenic effects in laboratory animals. Inhalation: Harmful if inhaled

12. ECOLOGICAL INFORMATION

Ecotoxicity: 2-Butoxyethanol: The LC50/96-hour values for fish are over 100 mg/l. This material is not expected to be toxic to aquatic life
Persistence and degradability: Biodegradable.
Bioaccumulative potential: Not available
Mobility in soil: Not available
Other adverse effects: None known

13. DISPOSAL CONSIDERATIONS

Disposal methods: Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. State and local disposal regulations may differ from federal disposal regulations.
Disposal of any contaminated packaging: Dispose of container and unused contents in accordance with federal, state and local requirements.
Effects of sewage disposal: No data

14. TRANSPORT INFORMATION

Australian DG Classification for Road and Rail: not regulated
Environmental hazards for Transport Purposes: Not a marine pollutant
Special precautions during transport: None
Hazchem Code: not applicable

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations
Australian Inventory of Chemical Substances: All ingredients listed on the AICS
SUSMP Labelling: Not a scheduled poison.

16. OTHER INFORMATION

Date of preparation or review:
Key abbreviations or acronyms used:

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The above information is accurate to the best of the knowledge available to us. However since data safety standards and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control we make no warranty, whether express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Users should satisfy themselves that they have all current data relevant to their particular use.

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