SAFETY DATA SHEET

THERMAL CARRIER II

Infosafe No.: CI01M
ISSUED Date : 07/10/2021
ISSUED by: CUSTOM CHEMICALS INTERNATIONAL PTY LTD

1. IDENTIFICATION

GHS Product Identifier
THERMAL CARRIER II

Product Code
0010161

Company Name
CUSTOM CHEMICALS INTERNATIONAL PTY LTD (ABN 73 050 537 674)

Address
103-107 Potassium Street Narangba
QLD AUSTRALIA

Telephone/Fax Number
Tel: 07 3204 8300
Fax: 07 3204 8311

Emergency phone number
13 1126 in Australia (AH)

Recommended use of the chemical and restrictions on use
Fabric Softener

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture
Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Polyethylene glycol	25322- 68- 3	60- 90 %
Other ingredients determined not to be hazardous, including water	N/A	10- 30 %

4. FIRST-AID MEASURES

Inhalation
If inhaled, remove affected person from contaminated area. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion
Do not induce vomiting. Wash out mouth thoroughly with water. If vomiting occurs, give further water to achieve effective dilution. Seek immediate medical attention.

Skin
Wash skin with plenty of water. Ensure contaminated clothing is washed before re-use or discard. Seek medical attention if burning, irritation or redness develops.

Eye contact
If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate 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 (Phone Australia 131 126) or a doctor at once.

5. FIRE-FIGHTING MEASURES

Fire Fighting Measures
Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self contained breathing apparatus if risk of exposure to products of combustion or decomposition.

Suitable Extinguishing Media
Use carbon dioxide, water fog or fine water spray. Use media appropriate for the surrounding fire conditions.

Hazards from Combustion Products
Combustible material, if involved in a fire will emit toxic fumes.

Specific Hazards Arising From The Chemical
This product is C2 Combustible.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal
Minor spills do not normally need any special clean up measures. In the event of a latrge spill, prevent spillage from entering watercourses. Wear appropriate protective equipment (as listed in Section 8 of this SDS) to prevent eye and skin contamination.
Spilt material may result in a slip hazard and should be absorbed into dry, inert material to be collected in appropriately labelled containers for dispoasl by an approved agent according to local regulations.
Residual deposits will remain slippery, wash down with excess water. If contamination of drains or sewers occurs advise local emergency services.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Avoid contact with incompatible materials. When handling DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.

Conditions for safe storage, including any incompatibilities
Store in a cool dry well-ventilated area. Do not store in aluminium or light alloy containers. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

Storage Regulations
C2 Combustible Liquid.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values
No Exposure Limit Established

Appropriate Engineering Controls
Special ventilation is not normally required. Nevertheless, adequate ventilation to keep mists and/or vapour levels to a minimum should be provided.
If the engineering controls are not sufficient to maintain concentrations of dust below the exposure standards, suitable respiratory protection must be worn.

Respiratory Protection
Not required for normal operations.

Eye Protection
Not normally required for using this product. The use of safety glasses, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Hand Protection
Generally not required for normal operations. Overalls, apron, work boots and elbow length gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Liquid	**Appearance**	Colourless liquid
Odour	Nil	**Freezing Point**	Approx -10°C
Boiling Point	approx. 100°C	**Solubility in Water**	Miscible in all proportions.
Specific Gravity	1.10 - 1.12 (25°C)	**pH**	6.0 - 8.0
Vapour Pressure	Not available	**Flammability**	Non flammable. C2 Combustible.

10. STABILITY AND REACTIVITY

Chemical Stability
Stable under normal conditions of storage and handling.

Conditions to Avoid
Extremes of temperature and direct sunlight.

Incompatible materials
Oxidizing agents, strong acids, aluminium , lead , magnesium , iron and zinc

Hazardous Decomposition Products
Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours.

Hazardous Polymerization
None known.

11. TOXICOLOGICAL INFORMATION

Toxicology Information
No adverse health effects expected if the product is used in accordance with this Safety Data Sheet and product label.

Acute Toxicity - Oral
Swallowing large amounts of this product can cause stomach irritation, nausea and diarrhoea.

Ingestion
Ingestion of large amounts of this product may cause nausea, vomiting, abdominal pain and irritation to the mouth, throat and stomach.

Inhalation
Inhalation of vapours or mists may irritate the respiratory system.

Skin
Concentrated product may cause skin irritation. Prolonged contact with concentrated solutions may be irritating. Properly diluted wash solutions not expected to be irritating.

Eye
This product may cause eye irritation, watering, redness.

Chronic Effects
Prolonged and repeated skin contact with diluted solutions may induce eczematoid dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Not expected to be harmful to aquatic life when used as directed.

Persistence and degradability

No data available on this specific product.

Mobility

Product miscible in all proportions with water. Do not discharge bulk quantities into drains, sewers or waterways.

Environmental Protection

Prevent large amounts from entering waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

Transport Information

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

U.N. Number

None Allocated

Transport hazard class(es)

None Allocated

15. REGULATORY INFORMATION

Regulatory information

Not classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Poisons Schedule

Not Scheduled

Australia (AICS)

All ingredients listed.

16. OTHER INFORMATION

Date of preparation or last revision of SDS

SDS reviewed: October 2021; SDS supercedes: Oct 2016

References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
Standard for the Uniform Scheduling of Medicines and Poisons.
Australian Code for the Transport of Dangerous Goods by Road & Rail.
Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
Workplace exposure standards for airborne contaminants.
Hazardous Chemical Information System (HCIS)/Hazardous Substance Information System (HSIS), Safe Work Australia.
Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).
Globally Harmonised System of classification and labelling of chemicals.

Uses and Restrictions

Mixing Instructions: Premix the required amount of Thermal Carrier II at the desired dilution rate. Mix well and use as required. For every 100m2 of floor area determine the amount of chemical control agent (pesticide, germicide, disinfectant, etc) required from the product label and add to 3 litres of Thermal Carrier 11 solution.

Notes on Dilution: Always dilute with a minimum of 2 parts water to 10 parts product. Depending on the equipment used and the degree of fog density required, this product must be to varying degree, diluted with water.

** For use in thermal mist machines, the product may be diluted to a maximum of one part Thermal Carrier II to six parts water.

** With thermal fog equipment, dilution is recommended to be between one part Thermal Carrier II and either two, three or four parts of water. The actual dilution chosen is dependent on the density of fog desired.

User Information

Special fogging mist formulation for the application of wettable powders and liquid chemical control agents i.e. disinfectants, germicides, pesticides etc (flowables etc). Use with thermal fog and mist applicators.

For best results follow directions on the label.

Notice: Seller makes no warranty other than specified on this label. The buyer agrees that the seller shall not be responsible nor liable for injury to crop, soil, person, animal or property arising from careless or improper use or handling or the product or application equipment used in the dispersion of the product.

Other Information

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

END OF SDS

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