



SAFETY DATA SHEET GARD HAZFREE

According to WHMIS 2015, in compliance with the Hazardous Product Act (HPA, as amended) and the requirements of the Hazardous Product Regulations (HPR)

1. Identification

Product identifier

Product name GARD HAZFREE

Recommended use of the chemical and restrictions on use

Restriction on use UV Varnish, Lacquer and Adhesive Remover

Details of the supplier of the safety data sheet

Supplier GLUEGUARD INC.
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Guelph
Ontario
N1K 1B6
Tel : +1 855 422 2928
Email : info@glueguard.com

Manufacturer LARRAGARD LIMITED
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Heckmondwike
West Yorkshire
United Kingdom
WF176 9JP
Tel : +44 (0) 1924 403550
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Email : technical@gardchemicals.com

Emergency telephone number

Emergency telephone Tel : +44 (0)1924 403550 (Office Hours)

2. Hazard identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

Label elements

Hazard statements NC Not Classified

Contains

Other hazards

Hazard id 2a

GARD HAZFREE

Hazard ID 2A

"Hazard ID 2A"

Hazard

3. Composition/information on ingredients

Mixtures

Ingredient notes A MIXTURE OF NON-HAZARDOUS INGREDIENTS

4. First-aid measures

Description of first aid measures

General information	Never give anything by mouth to an unconscious person.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system. Lung edema.
Ingestion	Nausea, vomiting. Diarrhea.
Skin contact	Prolonged and/or repeated contact may cause irritation.
Eye contact	Irritation, burning, lachrymation, blurred vision after liquid splash.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the hazardous product

Specific hazards	Fire creates: Carbon monoxide (CO). Vapours may form explosive mixtures with air. Vapours are heavier than air and may travel along the floor and accumulate in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember. Solvent vapours may form explosive mixtures with air. Closed containers can burst violently when heated, due to excess pressure build-up.
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Advice for firefighters

Protective actions during firefighting	Avoid breathing fire gases or vapours. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire.
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Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. Do not touch or walk into spilled material.

Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for cleaning up Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses. Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions Avoid spilling. Keep away from heat, sparks and open flame. Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in tightly-closed, original container. Avoid contact with oxidizing agents.

Specific end use(s)

Usage description The information contained within this Safety Data Sheet is given as a guide to the precautions required to maintain a safe work environment.

8. Exposure controls/Personal protection

Exposure controls

Protective equipment



Appropriate engineering controls Provide adequate general and local exhaust ventilation.

Eye/face protection Wear chemical splash goggles.

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Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Butyl rubber. Breakthrough Time >8 hours - Glove thickness: 0.5mm UNSUITABLE MATERIALS: Nitrile. Polyvinyl chloride (PVC). Fluoro rubber, Polychloroprene, FKM.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear rubber apron. Wear rubber footwear. Wear apron or protective clothing in case of contact.
Hygiene measures	Provide eyewash station and safety shower. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Colourless liquid.
Colour	Colourless.
Odour	Fruity. Mild.
Melting point	-20 @ 1013 hPa°C
Initial boiling point and range	196 - 225°C @ 1013 hPa
Flash point	103°C
Evaporation rate	<0.1 (BuAc=1)
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: 0.9 Upper flammable/explosive limit: 8
Vapour pressure	0.008 kPa @ 20°C
Relative density	1.092 @ 20°C
Solubility(ies)	5.3 @ 20°C
Partition coefficient	: 0.19
Auto-ignition temperature	370°C
Viscosity	2.6 mPa s @ 25°C

10. Stability and reactivity

Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Avoid heat, flames and other sources of ignition.
Materials to avoid	Strong acids. Strong alkalis. Strong oxidizing agents.
Hazardous decomposition products	Carbon monoxide (CO). Carbon dioxide (CO ₂).

11. Toxicological information

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Information on toxicological effects

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 5,000.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 2,000.0

Species Rabbit

Acute toxicity - inhalation

Species Rat

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL >1000 mg/kg, Oral, Rat

Inhalation Upper respiratory irritation.

Ingestion Nausea, vomiting. Diarrhea.

Skin contact Prolonged and frequent contact may cause redness and irritation.

Eye contact May cause temporary eye irritation. Visual disturbances, including blurred vision.

Acute and chronic health hazards Product has a defatting effect on skin.

Route of exposure Skin and/or eye contact

Target organs Eyes Skin

Medical symptoms Skin irritation. Irritation of eyes and mucous membranes. Visual disturbances, including blurred vision. Reddened skin if chemical is not removed by washing. Later, white and wrinkled skin without pain, often with delayed skin burns.

Medical considerations Skin disorders and allergies.

12. Ecological information

Ecotoxicity The product is not expected to be hazardous to the environment.

Acute aquatic toxicity

Acute toxicity - fish , 96 hours: ~ 21 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 112 - 150 mg/l, Daphnia magna

Acute toxicity - aquatic plants LOEC, 72 hours: > 85 mg/l,
NOEC, 72 hours: 36 mg/l,

Persistence and degradability

Persistence and degradability The product is readily biodegradable.

Biodegradation Degradation (%)
- 87: 28 days

Bioaccumulative potential

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Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Partition coefficient : 0.19

13. Disposal considerations

Waste treatment methods

General information Dispose of in compliance with all local and national regulations.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, TDG).

UN number

UN No. (International) Not applicable.

UN proper shipping name

Proper shipping name (International) Not applicable.

Transport hazard class(es)

Transport Labels (International) No transport warning sign required.

Packing group

Packing group (International) Not applicable.

Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

Regulatory Status According to WHMIS 2015, in compliance with the Hazardous Product Act (HPA, as amended), and the requirements of the Hazardous Product Regulations (HPR).

Inventories

Canada – DSL/NDSL
All the ingredients are listed.

US - TSCA
All the ingredients are listed.

16. Other information

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General information	Quality Assurance: Larragard Limited, Conforms to ISO 9001 : 2015 Cert. No. 14130209 Environmental Standard: Larragard Limited, Conforms to ISO 14001 : 2015 Cert No. 14124144 Occupational Health and Safety Management Systems: Larragard Limited, Conforms to OHSAS 18001 : 2007 Cert No. 14124145
Revision date	25.02.14 - SDS10219
Revision	15.07.15
Supersedes date	2016-09-12
SDS number	SDS10219

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