



SAFETY DATA SHEET

GARD EV60

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 EV60

Recommended use of the chemical and restrictions on use

Restriction on use Hot Melt Cleaner

Details of the supplier of the safety data sheet

Supplier GLUEGUARD INC.
79 Regal Road
Unit 14
Guelph
Ontario
N1K 1B6
Tel : +1 855 422 2928
Email : info@glueguard.com

Manufacturer LARRAGARD LIMITED
Chapel Lane
Heckmondwike
West Yorkshire
United Kingdom
WF16 9JP
Tel : +44 (0) 1924 403550
Fax : +44 (0) 1924 400999
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 Asp. Tox. 1 - H304

Environmental hazards Not Classified

Label elements

Pictogram



Signal word Danger

GARD EV60

Hazard statements	H304 May be fatal if swallowed and enters airways.
Precautionary statements	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P331 Do NOT induce vomiting. P501 Dispose of contents/ container in accordance with national regulations.

Contains

Contains	HYDROCARBONS
-----------------	--------------

Other hazards

Hazard id 2a

Hazard ID 2A

"Hazard ID 2A"

Hazard

3. Composition/information on ingredients

Mixtures

HYDROCARBONS	30-60%
CAS number: 64742-47-8	
Classification Asp. Tox. 1 - H304	

The full text for all hazard statements is displayed in Section 16.

Ingredient notes	MIXTURE OF SUBSTANCES LISTED ABOVE WITH NON-HAZARDOUS ADDITIONS.
-------------------------	--

4. First-aid measures

Description of first aid measures

General information	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Inhalation	Move affected person to fresh air at once. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	Do not induce vomiting. Get medical attention immediately. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water.
Eye contact	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	Upper respiratory irritation. Irritation of nose, throat and airway. Nausea, vomiting. Unconsciousness and convulsions can occur.
Ingestion	Harmful if swallowed. May cause discomfort if swallowed. Nausea, vomiting. Central nervous system depression. The product may enter the lungs due to its low viscosity and lead to the rapid development of very serious inhalation pulmonary lesions (medical survey during 48 hours).
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	May cause temporary eye irritation.

GARD EV60

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

Hazardous combustion products Oxides of carbon. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

Advice for firefighters

Protective actions during firefighting Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Control run-off water by containing and keeping it out of sewers and watercourses.

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. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage.

Environmental precautions

Environmental precautions Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses. Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water.

7. Handling and storage

Precautions for safe handling

Usage precautions Avoid inhalation of vapours and spray/mists. Provide adequate ventilation. Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. Storage tanks and other containers must be earthed. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from heat, sparks and open flame. Earth container and transfer equipment to eliminate sparks from static electricity. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store away from the following materials: Acids. Oxidizing materials. Suitable container materials: Mild steel. Stainless steel.

Specific end use(s)

Usage description Storage tanks must be positioned within a bunded area.

GARD EV60

8. Exposure controls/Personal protection

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Personal protection

Do not allow material to contaminate groundwater system.

Eye/face protection

Wear chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Gloves are recommended for prolonged use. Aliphatic hydrocarbon resistant gloves.

Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination.

Hygiene measures

Provide eyewash station and safety shower. Use engineering controls to reduce air contamination to permissible exposure level. Wash promptly with soap and water if skin becomes contaminated. When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

In confined or poorly-ventilated spaces, a supplied-air respirator must be worn.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Clear liquid.
Odour	Slight. Hydrocarbons.
Initial boiling point and range	180 - 240°C
Flash point	Not applicable.
Relative density	~0.76 @ 15°C
Solubility(ies)	Soluble in solvents

10. Stability and reactivity

Reactivity	The following materials may react with the product: Strong oxidizing agents.
Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	Reacts with strong oxidising agents. Hazardous Polymerisation. Not relevant.
Conditions to avoid	Avoid heat, flames and other sources of ignition.
Materials to avoid	Strong acids. Strong oxidizing agents.

GARD EV60

Hazardous decomposition products Oxides of carbon. Thermal decomposition or combustion products may include the following substances: Aldehydes.

11. Toxicological information**Information on toxicological effects****Respiratory sensitization**

Respiratory sensitization There is no evidence that the product can cause respiratory hypersensitivity.

Skin sensitization

Skin sensitization Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Negative.

Genotoxicity - in vivo Negative.

Carcinogenicity

Carcinogenicity Carcinogenicity in humans is not expected.

Specific target organ toxicity - single exposure

STOT - single exposure No adverse effects known.

Aspiration hazard

Aspiration hazard Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

General information Prolonged contact may cause dryness of the skin.

Inhalation Vapour may irritate respiratory system/lungs. Central nervous system depression.

Ingestion Harmful if swallowed. May cause discomfort if swallowed. Nausea, vomiting. Diarrhea. Risk of severe pulmonary problems in case of accidental aspiration.

Skin contact Skin irritation should not occur when used as recommended.

Eye contact May cause temporary eye irritation.

Toxicological information on ingredients**HYDROCARBONS****Acute toxicity - oral**

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

Species Rat

Acute toxicity - dermal

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

Species Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 5,000.0

Species Rat

GARD EV60

ATE inhalation (vapours
mg/l) 5,000.0

HYDROCARBONS**Acute toxicity - oral**

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

Species Rat

Acute toxicity - dermal

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

Species Rabbit

12. Ecological information**Ecological information on ingredients****HYDROCARBONS****Acute aquatic toxicity**

Acute toxicity - fish LC₅₀, 96 hours: > 1000 mg/l, Oncorhynchus mykiss (Rainbow trout)
LC₅₀, 96 hours: >1000ppm mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: > 1000 mg/l, Daphnia magna
EC₅₀, 48 hours: >250ppm mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: 20ppm mg/l, Algae

HYDROCARBONS**Acute aquatic toxicity**

Acute toxicity - fish LC₅₀, >: > 100 mg/l,

Acute toxicity - aquatic invertebrates EC₅₀, >: > 100 mg/l,

Acute toxicity - aquatic plants EC₅₀, >: > 100 mg/l,

Chronic aquatic toxicity

Chronic toxicity - fish early life stage NOEC, <: < 1.0 mg/l,

Chronic toxicity - aquatic invertebrates NOEC, <: 10 mg/l,

Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

Bioaccumulative potential

Bioaccumulative potential Unlikely to pose a significant hazard to aquatic life.

Mobility in soil

GARD EV60

Mobility Not known.

13. Disposal considerations

Waste treatment methods

General information 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/NDL
All the ingredients are listed.

US - TSCA
All the ingredients are listed.

16. Other information

GARD EV60

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 NOTE: LARRAGARD LIMITED HAS SUPPLIED FULL INGREDIENT INFORMATION TO ALLOW NSF ASSESSMENT.
Revision date	26.02.14 - SDS10232
Revision	10.09.15
Supersedes date	2018-08-30
Hazard statements in full	H304 May be fatal if swallowed and enters airways.

Uses Advised Against: The product should not be used for any other purpose other than its intended use. Handling, storage and conditions to avoid instructions must be followed at all times. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.