



SAFETY DATA SHEET GARDEX

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name GARDEX

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Hot Melt Anti-Adhesion Compound

1.3. Details of the supplier of the safety data sheet

Supplier LARRAGARD LIMITED
 Chapel Lane
 Heckmondwike
 West Yorkshire
 WF16 9JP
 Tel +44 (0) 1924 403550
 Fax : +44 (0) 1924 400999
 Email : technical@gardchemicals.com

1.4. Emergency telephone number

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC/1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements NC Not Classified

2.3. Other hazards

Hazard id 2a

Hazard ID 2A

"Hazard ID 2A"

Hazard

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ingredient notes A MIXTURE OF NON-HAZARDOUS INGREDIENTS

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Not applicable.

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Ingestion	May cause discomfort if swallowed. Get medical attention if any discomfort continues.
Skin contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse immediately with plenty of water. Continue to rinse for at least 10 minutes.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Not applicable.
Ingestion	May cause discomfort if swallowed. Get medical attention if any discomfort continues.
Skin contact	No specific symptoms known.
Eye contact	No specific symptoms known.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	If in doubt, get medical attention promptly.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with the following media: Carbon dioxide (CO ₂). Dry chemicals. Foam.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Formaldehyde may be produced. Product may present a floating fire hazard.
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5.3. Advice for firefighters

Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Keep unnecessary and unprotected personnel away from the spillage. Take care as floors and other surfaces may become slippery.
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6.2. Environmental precautions

Environmental precautions	Prevent from entering water courses.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Collect and place in suitable waste disposal containers and seal securely.
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6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Container must be kept tightly closed when not in use.
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7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	No special storage precautions required.
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7.3. Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
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SECTION 8: Exposure Controls/personal protection

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8.1. Control parameters

8.2. Exposure controls

Eye/face protection	No specific eye protection required during normal use.
Hand protection	It is recommended that chemical-resistant, impervious gloves are worn.
Other skin and body protection	Wear protective clothing.
Respiratory protection	Not applicable.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Paste.
Colour	Translucent. White.
Odour	Odourless.
pH	Not applicable.
Initial boiling point and range	Not applicable.
Flash point	>300°C
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: Material will burn if sufficient heat is applied.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	~1.0
Solubility(ies)	Solubility in fats and oils: Poor material is lipophobic. Soluble in the following materials: Chlorinated hydrocarbons. White Spirit Some Aliphatic Hydrocarbons Insoluble in water.
Partition coefficient	Not determined.
Auto-ignition temperature	450°C
Viscosity	Cone Penetration : 230-260
Explosive properties	Not applicable.

9.2. Other information

Other information	Not relevant.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Formaldehyde may be produced. None.
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10.4. Conditions to avoid

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Conditions to avoid Stable at normal ambient temperatures and when used as recommended.

10.5. Incompatible materials

Materials to avoid None.

10.6. Hazardous decomposition products

Hazardous decomposition products Formaldehyde may be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation Material is practically inert from a physiological point of view.

Ingestion Material is practically inert from a physiological point of view.

Skin contact Material is practically inert from a physiological point of view.

Eye contact Material is practically inert from a physiological point of view.

SECTION 12: Ecological Information

Ecotoxicity No adverse effects known.

12.1. Toxicity

Toxicity No adverse effects known.

12.2. Persistence and degradability

Persistence and degradability No adverse effects known.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

12.4. Mobility in soil

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects No adverse effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

SECTION 14: Transport information

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

14.1. UN number

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Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance

Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

SECTION 16: Other information

General information

Quality Assurance: Larragard Limited, Conforms to ISO 9001 : 2008 Cert. No. 14130209

Environmental Standard: Larragard Limited, Conforms to ISO 14001 : 2004 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 - SDS10234

Revision

04.08.15

Risk phrases in full

Not classified.

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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. 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.