



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

Contains

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

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| | |
|---------------------|---|
| Inhalation | Not applicable. |
| 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

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| 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

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|-------------------------|---|
| Specific hazards | Formaldehyde may be produced. Product may present a floating fire hazard. |
|-------------------------|---|

5.3. Advice for firefighters

| | |
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| 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

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| 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

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

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| 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

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|--------------------------|--|
| 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)

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|----------------------------|---|
| 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

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

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

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|---|-------------------------------------|
| Possibility of hazardous reactions | Formaldehyde may be produced. None. |
|---|-------------------------------------|

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10.4. Conditions to avoid

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).

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14.1. UN number

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).

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 2015/830 (which amends Regulation (EC) No 453/2010 & 1907/2006).

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 : 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

12/06/2019

Revision

1

Supersedes date

19/06/2018

SDS number

10234

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Risk phrases in full

Not classified.

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