



DAI-EL G-310LBP, G-310MBP, G-310HBP

Safety Data Sheet
SDS Number: 30071

Issued: 2012-11-09

1 - Chemical Product and Company Identification

1.1 Chemical product

Trade name: DAI-EL G-310LBP, G-310MBP, G-310HBP

Application of the substance/the preparation : Industrial use

1.2 Company identification

Manufacturer

Name DAIKIN FLUOROCHEMICALS (CHINA) CO., LTD.
Add CHANGSHU INTERNATIONAL CHEMICAL INDUSTRIAL PARK, HAIYU TOWN,
CHANGSHU, JIANGSU 215522 CHINA
Tel : (+86) 512-5232-2266 Fax : (+86) 512-5232-2366

Name DAIKIN INDUSTRIAL, LTD.
Add 1-1 NISHI HITOTSUYA, SETTSU-SHI OSAKA, 566-8585, JAPAN
Tel: (+81)6-6373-4349 Fax: (+81)6-6373-4389

1.3 Emergency Telephone

24hour emergency telephone: (+86)512-5232-0949, (+81)6-6349-7521

DAI-EL G-310LBP, G-310MBP, G-310HBP

Safety Data Sheet
SDS Number: 30071

Issued: 2012-11-09

2 - Hazards Identification

GHS Label elements Void

3 - Composition/Information on ingredients

9011-17-0 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-fluoroethene

4 - First-aid Measures

- 4.1 **Inhalation:** Supply fresh air; consult doctor in case of complaints.
 - 4.2 **Skin Contact:** Immediately wash with water and soap and rinse thoroughly. After contact with the molten product, cool rapidly with cold water.
 - 4.3 **Eyes Contact:** Rinse opened eye for several minutes under running water.
 - 4.4 **Ingestion:** If symptoms persist consult doctor.
- **Information for doctor:** Vapors and fumes liberated during hot processing with this material may cause flu-like symptoms(chills, fever and sometimes, cough) that may not occur until several hours after exposure and typically pass within about 36 to 48 hours.

5 - Fire-fighting Measures

- 5.1 **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- 5.2 **Special hazards caused by the substance, its products of combustion or resulting gases:** Formation of toxic gases is possible during heating or in case of fire.
- 5.3 **Protective equipment:** Wear fully protective suit.

6 - Accidental Release Measures

- 6.1 **Person-related safety precautions:** Not required.
- 6.2 **Measures for environmental protection:** Do not allow to enter sewers/surface or ground water.
- 6.3 **Measures for cleaning/collecting:** Pick up mechanically.
- 6.4 **Additional information:** No dangerous substances are released.

7 - Handling and Storage

- 7.1 **Handling**
Information for safe handling:
Extractors are required on all machines used for thermal processing or splinter removal processes.
- 7.2 **Storage**
Requirements to be met by storerooms and receptacles: No special requirements.

DAI-EL G-310LBP, G-310MBP, G-310HBP

Safety Data Sheet
SDS Number: 30071

Issued: 2012-11-09

Information about storage in one common storage facility: Not required.
Further information about storage conditions: Protect from contamination.

8 - Exposure Controls and Personal Protection

8.1 Ingredients with limit values that require monitoring at the workplace: Not required.

8.2 Personal Protective Equipment:

General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Keep away from tobacco products.

Respiratory protection:

For conditions where exist a potential for significant exposure to fumes and/or toxic vapours use a full-face-mask with the acid and organic vapor cartridges.

Protection of hands:



Protective gloves

Material of gloves: Synthetic rubber gloves.

Eye protection: Tightly sealed goggles.

Body protection: Protective work clothing.

9 - Physical and Chemical Properties

Appearance	Solid
Odor	Odourless
Colour	White or light yellow
Boiling point	Undetermined.
Melting Point	Undetermined
Flash point	Not applicable.
Decomposition Temperature	>230°C (1% TG)
Self-igniting	Product is not self-igniting.
Danger of explosion	Product does not present an explosion hazard.
Density at 25°C	1.7-2.0g/cm ³
Solubility in/Miscibility with water	Insoluble.

10 - Stability and Reactivity

10.1 Thermal decomposition/conditions to be avoided:

To avoid thermal decomposition do not overheat.

Even at the temperatures reached during the normal hot processing of fluoropolymers fume will be generated, that will present a potential health hazard.

10.2 Dangerous reactions: No dangerous reactions known.

10.3 Dangerous decomposition products: Danger of toxic fluorine based pyrolysis products.

DAI-EL G-310LBP, G-310MBP, G-310HBP

Safety Data Sheet
SDS Number: 30071

Issued: 2012-11-09

11 – Toxicological Information

11.1 Acute toxicity: No data.

12 - Ecological Information

12.1 Ecotoxicological effects: No data.

13 - Disposal Considerations

13.1 Recommendation:

Disposal must be made according to official regulations.

13.2 Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14 - Transport Information

14.1 UN "Model Regulation": -

15 - Regulatory Information

15.1 Safety Phrases:

15 Keep away from heat.

21 When using do not smoke.

16 - Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms: **GHS:** Globally Harmonized System of Classification and Labelling of Chemicals