

Safety Information Lucofin®

1451, 1452, 1459, 1460, 1461

1. Identification of substance

Trade name:

Lucofin® 1451, 1452, 1459, 1460, 1461

Manufacturer/Supplier:

LUCOBIT AG

Brühler Str. 60 • BasellPolyolefine GmbH • B100

D-50389 Wesseling

Tel.: +49 (0) 22 36/3 78 59 0

Emergency information:

Basell Fire Brigade Wesseling

Tel.: +49 (0) 22 36/72-25 55

2. Hazards identification

This product is a preparation and is, according to EEC directives 1999/45, 67/548, and following amendments, not classified as hazardous.

This product does not contain any of the Annex 14 candidate chemicals proposed to be SVHC above 0,1% threshold as stated in REACH, (1907/2006/EC, art. 57).

3. Chemical characterization

Description: Mixture of

Ethylene/N-butyl acrylate copolymer CAS-Nr. 025750-84-9

Polyolefines, PE- and PP-based

Dangerous components: Void

Additional information: Can contain additives and pigments.

4. First aid measures

At room temperature the product is neither an irritant nor gives off hazardous vapours.

The measures listed below apply to critical situations (Fire, incorrect process conditions).

After inhalation: In case of excessive inhalation of fumes move

the person to fresh air. Call for medical help.

After skin contact: After contact with the molten product, cool rapidly with cold water.

Do not pull solidified product away from the skin.

Seek immediate medical advice.

After eye contact : Rinse opened eye for minimum 15 minutes under running water.

5. Fire fighting measures

Suitable extinguishing agents:

Water haze, Foam, Chemical powder

Unsuitable extinguishing agents: Water jet.

In case of fire it can release :

water (H₂O), carbon dioxide (CO₂), carbon monoxide (CO)

Protective equipment:

Use a mask with universal filter. Use self-contained breathing apparatus within confined rooms.

6. Accidental release measures

Particular danger of slipping on leaked/spilled product.

7. Handling and storage

When bringing the material to processing temperatures gases might develop, forming:

- ▶ ethylene and alkenes of higher molecular weight.
- ▶ traces of formaldehyde and acrylaldehyde
- ▶ traces of acids (Formic acid, acetic acid)

Provide appropriate ventilation for such processing conditions. Take precautionary measures against explosion risks, as all types of polymers may develop dust during transporting or grinding of granules.

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Requirements to be met by storerooms and containers:

- ▶ Take precautionary measures to prevent the formation of static electricity.
- ▶ Do not smoke.
- ▶ Ground equipment electrically.
- ▶ Open flames prohibited.

Protect from heat and direct sunlight. Store container in a well ventilated position. Store under dry conditions. Do not stack up the octabins.

8. Exposure controls and personal protection

No components with limit values that require monitoring at the workplace.

Ensure ventilation of work areas and extraction of dust or vapours likely to be given off during conversion operations.

9. Physical and chemical properties

Form: Pellets

Colour: different

Odour: Nearly odourless

Melting range: 50-140°C

Density (23°C): 0,95-1,15 g/cm³

Bulk density: 0,35- 0,65 g/cm³

Solubility in Water: Insoluble

10. Stability and reactivity

The product is stable when handled and stored under normal conditions. Decomposes over 360 °C.

11. Toxicological information

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. Ecological information

The product is not biodegradable.

The product is not toxic, small particles can have physical effects on water and soil organisms.

13. Disposal considerations

Reuse or recycle if possible.

Disposal through controlled incineration or authorised waste dump.

Disposal must be done according to official regulations.

14. Transport information

According to national and international guidelines, which regulate the road-, rail-, air- and seairtransport, this product is classified as not dangerous.

15. Regulatory information

Designation according to EC guidelines: not classified.

16. Other information

Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, our company makes no representations as of the completeness or accuracy thereof information is supplied upon the condition that persons receiving the same will make their own determination as to safety and suitability for their purposes prior to use. In no event will our company be responsible for damages of any nature whatsoever resulting from the use of reliance upon information. No representations of warranties either expressed or implied, or merchantability, fitness for a practical purpose or of any other nature, are made hereunder with respect to information or the product to which the information refers.