



## BAEROLUB L-ED

Version 1.1

Revision Date 04/09/2021

### SECTION 1. IDENTIFICATION

#### Product identifier

Trade name : **BAEROLUB L-ED**

#### Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub-  
stance/Mixture : Manufacture of plastics products  
Polymer additive  
Lubricant and release agent

Recommended restrictions  
on use : None known.

#### Details of the supplier of the safety data sheet

Company : Baerlocher Production USA LLC  
5890 Highland Ridge Drive  
Cincinnati, OH 45232

Telephone : Day 330-602-1528 or 330-602-1531  
: Night 513-207-1620 or 513-604-2327

E-mail address : Hotline.PS@baerlocher.com

Responsible/issuing person : Product Safety Department

#### Emergency telephone number (0 - 24 h)

Tel.: 800-424-9300 USA or 703-527-3887

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Combustible dust

#### GHS label elements

Signal word : Warning

Hazard statements : May form combustible dust concentrations in air.

#### Other hazards

Health injuries are not known or expected under normal use.  
Dust can form an explosive mixture in air.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance  
Chemical nature : Fatty acid ester.

### SECTION 4. FIRST AID MEASURES

If inhaled : Remove to fresh air.  
If symptoms persist, call a physician.



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|---|---|---|
| In case of skin contact                                     | : | Take off contaminated clothing and shoes immediately.<br>Wash off with soap and water.<br>Cool skin rapidly with cold water after contact with molten material.<br>Consult a physician. |
| In case of eye contact                                      | : | Immediately flush eye(s) with plenty of water.<br>Call a physician immediately.   |
| If swallowed  | : | Clean mouth with water and drink afterwards plenty of water.<br>Get medical advice/ attention if you feel unwell.<br>Show this safety data sheet to the doctor in attendance.           |
| Most important symptoms and effects, both acute and delayed | : | No information available.   |
| Notes to physician  | : | Treat symptomatically.  |
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**SECTION 5. FIREFIGHTING MEASURES**

- |   |   |   |
|---|---|---|
| Suitable extinguishing media                  | : | Dry chemical<br>Carbon dioxide (CO <sub>2</sub> )<br>Water spray jet<br>Foam  |
| Unsuitable extinguishing media                | : | High volume water jet   |
| Specific hazards during fire-fighting         | : | Fire may cause evolution of: Carbon monoxide, Carbon dioxide (CO <sub>2</sub> )   |
| Specific extinguishing methods                | : | Remove undamaged containers from fire area if it is safe to do so.<br>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Special protective equipment for firefighters | : | In the event of fire, wear self-contained breathing apparatus.<br>Use personal protective equipment.  |
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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- |   |   |  |
|---|---|--|
| Personal precautions, protective equipment and emergency procedures | : | Do not breathe dust.<br>In case of inadequate ventilation wear respiratory protection.   |
| Environmental precautions   | : | Do not flush into surface water or sanitary sewer system.<br>Avoid subsoil penetration.<br>The product is insoluble and floats on water. |
| Methods and materials for containment and cleaning up               | : | Avoid dust formation.<br>Use mechanical handling equipment.<br>Keep in suitable, closed containers for disposal.                         |
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**SECTION 7. HANDLING AND STORAGE**

- |                             |   |   |
|-----------------------------|---|---|
| Advice on safe handling     | : | Avoid build up of dust, as dust/air mixtures are explosive.<br>Keep container closed when not in use. |
| Conditions for safe storage | : | Keep tightly closed in a dry, cool and well-ventilated place.   |



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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
General limits for air contaminants (PNOC)	Not Assigned	air 8 h (total dust)	15 mg/m <sup>3</sup>	OSHA Z-3
		air 8 h (Respirable fraction)	5 mg/m <sup>3</sup>	OSHA Z-3
		air 8 h (inhalable dust)	10 mg/m <sup>3</sup>	ACGIH
		air 8 h (Respirable fraction)	3 mg/m <sup>3</sup>	ACGIH

**Engineering measures** : Local exhaust

**Personal protective equipment**

Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.  
P1 filter respirator for inert particles

Hand protection

Remarks : Protective gloves  
Eye protection : Safety glasses  
Skin and body protection : Long sleeved clothing  
Protective measures : antistatic shoes  
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Pastilles  
Color : white  
Odor : slight  
Odor Threshold : No data available  
  
pH : No data available  
Melting point/range : 60 - 71 °C  
  
Boiling point/boiling range : No data available  
Flash point : > 180 °C  
Evaporation rate : No data available  
  
Flammability (solid, gas) : Combustible Solids  
  
Upper explosion limit : No data available  
  
Lower explosion limit : No data available



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Vapor pressure	:	negligible
Relative vapor density	:	No data available
Relative density	:	No data available
Density	:	No data available
Bulk density	:	No data available
Solubility(ies)	:	
Water solubility	:	insoluble (20 °C)
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available

### SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Stable at normal ambient temperature and pressure.
Chemical stability	:	Stable under normal storage and handling temperatures.
Possibility of hazardous reactions	:	Risk of dust explosion.
Conditions to avoid	:	Keep away from heat and sources of ignition.
Incompatible materials	:	Strong oxidizing agents Strong bases Strong acids
Hazardous decomposition products	:	No decomposition if used as directed.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

**Product:**

Acute oral toxicity : Remarks: Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

**Product:**

Remarks: Based on available data, the classification criteria are not met.



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### Serious eye damage/eye irritation

**Product:**

Remarks: Based on available data, the classification criteria are not met.

### Respiratory or skin sensitisation

**Product:**

Remarks: Based on available data, the classification criteria are not met.

### Carcinogenicity

**Product:**

Remarks: This product contains no known or suspected carcinogens listed by IARC, NTP or OSHA at or above reportable quantities.

### Repeated dose toxicity

**Product:**

Remarks: Based on available data, the classification criteria are not met.

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

**Product:**

#### Ecotoxicology Assessment

Acute aquatic toxicity : Based on available data, the classification criteria are not met.

Chronic aquatic toxicity : Based on available data, the classification criteria are not met.

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

**Product:**

Mobility : Remarks: Groundwater contamination is unlikely.

### Other adverse effects

**Product:**

Results of PBT and vPvB assessment : Based on available data, the classification criteria are not met.



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Endocrine disrupting potential : No information available.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

Waste from residues : Consult an expert on the disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations.

Contaminated packaging : Dispose in accordance with local, state and federal regulations. Empty containers must be handled with care due to product residue.

**SECTION 14. TRANSPORT INFORMATION**

**National Regulations**

**DOT**

Not regulated as a dangerous good

**International Regulations**

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**SECTION 15. REGULATORY INFORMATION**

**SARA 313** : This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

Components	CAS-No.	Wt.
not applicable	Not Assigned	

**The components of this product are reported in the following inventories:**

AICS listed  
CHINA listed  
ECL listed  
DSL listed



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EINECS	listed
ENCS	listed
NEUSEELAND	listed
PICCS	listed
TSCA	listed

### SECTION 16. OTHER INFORMATION

#### Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative



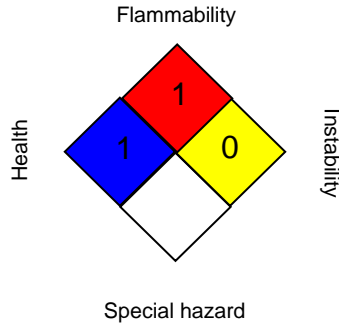
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**Further information**

**NFPA:**



**HMIS III:**

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

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