



**BAEROLUB PA 158**

Version 1.0

Revision Date 03/08/2021

**SECTION 1. IDENTIFICATION**

**Product identifier**

Trade name : **BAEROLUB PA 158**

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

Use of the Sub- : Manufacture of plastics products  
stance/Mixture : Polymer additive  
: Lubricant and release agent  
Recommended restrictions : None known.  
on use

**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.  
Combustible material  
Risk of skin burns caused by hot melt.  
Dust can form an explosive mixture in air.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Substance  
Chemical nature : Paraffin wax



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### SECTION 4. FIRST AID MEASURES

- If inhaled : Move to fresh air.
- In case of skin contact : Wash off immediately with plenty of water.  
Consult a physician.
- In case of eye contact : Rinse with plenty of water.  
Consult a physician.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Get medical advice/ attention if you feel unwell.  
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 : Water spray  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Sand
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire-fighting : Smoke and fumes, toxic.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid dust formation.  
Remove all sources of ignition.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.  
Avoid subsoil penetration.
- Methods and materials for containment and cleaning up : Allow to solidify, use mechanical handling equipment.  
Keep in suitable, closed containers for disposal.  
Material can create slippery conditions.

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### SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Take precautionary measures against static discharges.  
Keep away from sources of ignition - No smoking.  
Avoid formation and buildup of dust.
- Conditions for safe storage : Store at room temperature in the original container.  
Keep in a dry place.  
Keep away from direct sunlight.



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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
Paraffin wax fume		TWA	2 mg/m <sup>3</sup>	ACGIH TLV
		TWA	2 mg/m <sup>3</sup>	NIOSH REL

**Engineering measures** : Local exhaust  
In case of thermal processing, provide for extraction of the vapours or adequate ventilation.

**Personal protective equipment**

Respiratory protection : P1 filter respirator for inert particles  
Hand protection

Remarks : Protective gloves complying with EN 374.  
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.  
Do not smoke.  
When using do not eat or drink.  
Wash hands before breaks and at the end of workday.  
Regular cleaning of equipment, work area and clothing.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Pastilles  
Color : white  
Odor : slight  
Odor Threshold : No data available  
  
pH : No data available  
Melting point/range : 68.3 °C  
No data available  
  
Boiling point/boiling range : No data available



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Flash point	:	220 °C
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Combustible Solids
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Vapor pressure	:	No data available
Relative vapor density	:	No data available
Relative density	:	No data available
Density	:	No data available
Bulk density	:	No data available
Solubility(ies)		
Water solubility	:	No data available
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

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	Stable at normal ambient temperature and pressure.
Chemical stability	:	No decomposition if stored normally.
Possibility of hazardous reactions	:	Combustible material
Conditions to avoid	:	Temperature > 148 °C Avoid dust formation. Keep away from heat and sources of ignition.
Incompatible materials	:	None known.
Hazardous decomposition products	:	No decomposition if used as directed.



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**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.

**Serious eye damage/eye irritation**

**Product:**

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

**Respiratory or skin sensitization**

**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.



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**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.

Endocrine disrupting potential : No information available.

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**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.

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**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.



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**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:**

EINECS	listed
AICS	listed
CHINA	listed
DSL	listed
ECL	listed
ENCS	listed
NEUSEELAND	listed
TSCA	listed
PICCS	listed

**SECTION 16. OTHER INFORMATION**

**Full text of other abbreviations**

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 Admin-



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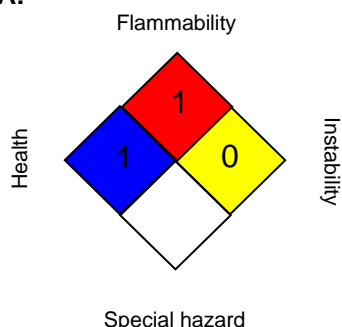
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istration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National 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

**Further information**

**NFPA:**



**HMIS III:**

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<b>0</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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