



Safety Data Sheet

Pluronic[®] L62 Antifoam

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Pluronic[®] L62 Antifoam

Synonyms/Generic Names: Polyoxypropylene-polyoxyethylene block copolymer

Product Number: 0098

Product Use: Industrial, Manufacturing or Laboratory use

Manufacturer: Columbus Chemical Industries, Inc.
N4335 Temkin Rd.
Columbus, WI. 53925

For More Information: 920-623-2140 (Monday-Friday 8:00-4:30)
www.columbuschemical.com

In Case of Emergency Call: CHEMTREC - 800-424-9300 or 703-527-3887 (24 Hours/Day, 7 Days/Week)

2. HAZARDS IDENTIFICATION

Signal Word: None

Pictograms: None

GHS Classification:

Not a hazardous substance according to GHS.

GHS Label Elements, including precautionary statements:

Hazard Statements:

None

Precautionary Statements:

None

Potential Health Effects

Eyes	Not irritating
Inhalation	Not Available
Skin	Not irritating
Ingestion	Not Available

NFPA Ratings

Health	1
Flammability	1
Reactivity	0
Specific hazard	Not Available

HMIS Ratings

Health	1
Fire	1
Reactivity	0

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain any components classified as hazardous under 29 CFR Part 1910.1200; Regulation 2012 OSHA Hazard Communication Standard.

4. FIRST AID MEASURES

Eyes	Rinse with plenty of water for at least 15 minutes and seek medical attention if necessary.
Inhalation	Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
Skin	Flush with plenty of water for at least 15 minutes while removing contaminated clothing and wash using soap. Get medical attention if necessary.
Ingestion	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention if necessary.

5. FIREFIGHTING MEASURES

Suitable (and unsuitable) extinguishing media	Use appropriate media for adjacent fire: water spray, dry powder, foam. Unsuitable: water jet.
Special protective equipment and precautions for firefighters	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Specific hazards arising from the chemical	Emits harmful vapors under fire conditions. (See also Stability and Reactivity section).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions	Prevent spillage from entering drains. Any release to the environment may be subject to a federal/national or local reporting requirements.
Methods and materials for containment and cleaning up	Absorb spill with noncombustible absorbent material, then place in a suitable container for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry well ventilated area. Protect against physical damage. Keep away from incompatible materials (see section 10 for incompatibilities).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls: Contains no substances with occupational exposure limit values.

Personal Protection

Eyes	Wear chemical safety glasses.
Inhalation	Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.
Skin	Wear neoprene or nitrile gloves, protective clothing appropriate to the risk of exposure.
Other	Not Available.

Other Recommendations: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.)	Milky, cloudy liquid.
Odor	Not Available
Odor threshold	Not Available
pH	5 - 7.5
Melting point/freezing point	-4°C (24.8°F) (1,013 hPa)
Initial boiling point and boiling range	>149°C (>302°F)
Flash point	240°C (465°F)
Evaporation rate	Not Available
Flammability (solid, gas)	Not Available
Upper/lower flammability or explosive limit	Not Available
Vapor pressure	<0.1 mmHg (25°C)
Vapor density	Not Available
Relative density	-1.58 (calculated)
Solubility (ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity, dynamic	450mPa.s

10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Possibility of Hazardous Reactions	Will not occur.
Conditions to Avoid	Not Available
Incompatible Materials	Strong oxidizing agents, strong acids, strong bases
Hazardous Decomposition Products	No hazardous decomposition products when stored and handled as indicated.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Skin	Dermal ATEmix - >5,000 mg/kg
Eyes	Not Available
Respiratory	Not Available
Ingestion	LD50 Oral – Rat - >2,000 mg/kg

Carcinogenicity

IARC	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP	No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA	No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Signs & Symptoms of Exposure

No significant symptoms are expected due to the non-classification of this product. (see section 4 for First Aid Measures)

Skin	Not Available
Eyes	Not Available
Respiratory	Not Available
Ingestion	Not Available

Chronic Toxicity	Not Available
Teratogenicity	Not Available
Mutagenicity	Not Available
Embryotoxicity	Not Available
Specific Target Organ Toxicity	Not Available
Reproductive Toxicity	Not Available
Respiratory/Skin Sensitization	Not Available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Vertebrate	LC50 – Oncorhynchus mykiss - >100 mg/l – 96 hours Method: OECD Test Guideline 203
Aquatic Invertebrate	EC50 – Daphnia magna- >100 mg/l – 48 hours Method: OECD Guideline 202, part 1
Aquatic Plants	EC50 – Selenastrum capricornutum - >100 mg/l – 72 hours Method: OECD Guideline 201

Persistence and Degradability	Not Available
Bioaccumulative Potential	Bioaccumulation is not expected.
Mobility in Soil	Adsorption to solid soil phase is possible.
PBT and vPvB Assessment	Not Available
Other Adverse Effects	Not Available

13. DISPOSAL CONSIDERATIONS

Waste Product or Residues	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product or residue.
Product Containers	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information offered in section 13 is for the product as shipped. Use and/or alterations to the product may significantly change the characteristics of the material and alter the waste classification and proper disposal methods.

14. TRANSPORT INFORMATION

US DOT	Not Dangerous Goods
TDG	Not Dangerous Goods
IMDG	Not Dangerous Goods
Marine Pollutant	No
IATA/ICAO	Not Dangerous Goods

15. REGULATORY INFORMATION

TSCA Inventory Status	All ingredients are listed on the TSCA Active inventory.
DSL / NDSL	All ingredients are listed on the DSL inventory.
California Proposition 65	Listed: Ethylene oxide
SARA 302	Listed: Oxirane, methyl, 1, 4 -dioxide, Ethylene oxide
SARA 304	Listed: Oxirane, methyl, Ethylene oxide
SARA 311	No SARA Hazards
SARA 312	No SARA Hazards
SARA 313	Listed: Oxirane, methyl, 1, 4 -dioxide, Ethylene oxide

16. OTHER INFORMATION

Pluronic® is a registered trademark of BASF Corporation or BASF SE.

Revision	Date
Created on	04/20/2020

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