



SAFETY DATA SHEET

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

Name of the Product: Cling Foam-Generating Additive for Aqueous ClO₂

Product Code: SYN-2124

Product Use: Foaming Agent

Distributor:

Synergy Americas, Inc

Telford, PA | Winterport, ME | Medellin, Colombia

Telephone Number for Information: (207) 944-3495

Emergency Phone Number - (800) 255-3924 ChemTel Inc.

SECTION II – HAZARD(S) IDENTIFICATION

GHS Classification:

Not a hazardous substance or mixture

GHS Label Elements:

Not a hazardous substance or mixture

SECTION III – Composition/Information on Ingredients

Component	CAS#	Weight (%)
Polyethylene Oxide	25322-68-3	1 – 5

SECTION IV – FIRST AID MEASURES

Skin Contact: Wash off with soap and water.

Eye Contact: Move individual away from exposure. Immediately flush eyes with large quantities of clean water for at least 15 minutes.

Ingestion: DO NOT INDUCE VOMITING. This material may enter the lungs during vomiting. Never give anything by mouth to an unconscious person. GET IMMEDIATE MEDICAL ATTENTION.

Inhalation: Move person to fresh air. If not breathing give CPR

SECTION V – FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical
Carbon dioxide (CO₂)
Water spray

Hazardous Combustion Products: Carbon oxides.

Specific Hazards During Firefighting: Do not allow run-off from fire to enter drains or water courses.

Fire/Explosion Hazard: None known.

SECTION VI – ACCIDENTAL RELEASE MEASURES



Personal Precautions: Depending on the extent of release, consider the need for fire fighters/emergency responders with adequate personal protective equipment for cleaning up. Do not eat, drink or smoke while cleaning up. Use a self-contained respirator, a mask with filter or a filtering mask if needed. Wear protective clothing, safety glasses and gloves (e.g. neoprene gloves).

SECTION VII – HANDLING AND STORAGE

Keep container tightly closed when not in use and in a dry well-ventilated area.

SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Polyethylene Oxide (CAS 25322-68-3)

OSHA Z1	PEL	10 mg/m ³
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Appropriate Engineering Controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental Exposure Controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Exposure Controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure levels below TLV(s).

Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/Face Protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Hand Protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers.

Body Protection: Personal protective equipment for the body should be selected based on the task performed and the risks involved. All protective should be approved by a specialist before handling this product.

Other Skin Protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

SECTION IX – PHYSICAL PROPERTIES

Appearance	Liquid
Color	Clear
Odor	Mild



pH	7.0 - 9.0
Freezing Point	No data available
Boiling Point	> 200°C (> 392°F)
Flash Point	> 200°C (> 392°F)
Evaporation Rate	< 0.01
	n-Butyl Acetate
Flammability (solid, gas)	No data available
Burning Rate	No data available
Lower and Upper Explosive Limits	No data available
Vapor Pressure	< 0.01 mmHG @ 20°C (68°F)
Relative Vapor Density	> 1 (Air = 1.0)
Relative Density	1.02 - 1.08 @ 20°C (68°F)
	Reference substance (Water = 1.0)
Solubility	Water soluble
Partition coefficient:	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	20 - 50 cps. @ 25°C (77°F)

SECTION X – STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under conditions of use, storage and transport.

Chemical Stability: Stable under normal conditions

Possibility Of Hazardous Reactions: No dangerous reactions known under conditions of normal use.

Conditions To Avoid: Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible Materials: Strong oxidizing agents

SECTION XI – TOXICOLOGICAL INFORMATION

Acute Toxicity:
No data available.

Chronic Toxicity:
No component of this product, present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen or potential carcinogen by NTP, OSHA and or IARC.

Reproductive Toxicity:
No data available.

Target Organs:
No data available.



SECTION XII – Ecological Information

Aquatic Toxicity:

No data available.

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Dispose of in accordance with all applicable local, state and federal regulations. Do not discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your local State Water Board or Regional Office of the EPA.

SECTION XIV – TRANSPORTATION INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. Dangerous goods descriptions may not reflect end-use or region-specific exceptions that can be applied. For additional information, please contact the distributor listed in section 1 of this SDS.

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION XV – REGULATORY INFORMATION

TSCA Inventory Status: All chemical substances in this product are included on or are exempted from listing on the US Toxic Substances Control Act (TSCA) inventory.

Canadian Inventory Status: This material contains components that are NOT listed on the Canadian Domestic Substances List (DSL).

US Federal Regulations:

SARA 313:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazardous Categorization

No SARA hazards

TSCA 12(b) – Export Notification:

This material does not contain any components that are subject to the US Toxic Substances Control Act (TSCA) section 12(b) Export Notification requirements.

Clean Air Act, Section 12 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any reportable HAPs.

Chemical Weapons Convention (CWC):

This product does not contain any listed substances.



California Proposition 65: This product contains no listed substances known to the state of California to cause cancer, birth defects or other reproductive harm, at levels which require reporting under the state statute.

SECTION XVI – OTHER INFORMATION

Prepared By: David Sadlo
Preparation Date: August 29, 2019

The information herein is based on data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or results. Also this shall not establish a legally valid contractual relationship.

Vendor assumes no responsibility for injury to vendee or third person proximately caused if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in use of the material.

Our products are intended for sale to industrial and commercial customers. We encourage customers to inspect and test our products before use and to satisfy themselves as to suitability for their specific applications.

Warranty: The manufacturer warrants that products sold comply with specifications as represented and will perform satisfactorily if used according to the directions, or the manufacturer will refund or replace any unused portion thereof, for a period of one year from the date of manufacture. The manufacturer does not make any other warranty, or assume responsibility of any kind, expressed or implied regarding the effect or result of the products use; and assumes no responsibility of injury to vendee or third parties proximately caused by the material if reasonable safety procedures are not adhered to.