

# SAFETY DATA SHEET

**POLY CLEAR C-648**  
**Product ID: FC1648**  
**Revised: 02-28-2020**  
**Replaces: 02-20-2014**

## 1. IDENTIFICATION

**Product Identifier:** POLY CLEAR C-648  
**Other Identifiers:** FC1648/R43204/R43205  
**CAS Number:** MIXTURE  
**Recommended Use:** No data available.  
**Restrictions on Use:** No data available.

Poly Clear, Inc.  
P.O. BOX 292  
Mifflinburg, PA 17844

**EMERGENCY RESPONSE NUMBER:**  
**24 Hour Emergency # - (570) 966-6282**

## 2. HAZARD(S) IDENTIFICATION

**GHS Classification(s):** This product is not classified as defined by OSHA 29 CFR 1910.1200.

**GHS Label Elements:** None.

**Hazards Not Otherwise Classified:** None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substances/Mixtures:

<u>Chemical or Common Name/Synonyms</u>	<u>CAS Number</u>	<u>% by Wt.</u>
This material is considered not hazardous as defined by OSHA 29 CFR 1910.1200.		

While this material is not classified as hazardous under OSHA regulations, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

## 4. FIRST-AID MEASURES

### Description of Necessary Measures:

**Eye Contact:** If in eyes: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Tilt head to avoid contaminating unaffected eye. Get immediate medical attention.

**Skin Contact:** If on skin: Flush skin with plenty of water while removing contaminated clothing and shoes. Do not reuse clothing or shoes until cleaned. If irritation develops or persists, get medical attention. Wash with soap and water.

**Inhalation:** If inhaled: Remove to fresh air. Get medical attention if breathing becomes difficult or respiratory irritation occurs.

**Ingestion:** If swallowed: If fully conscious, drink a quart of water. DO NOT induce vomiting. CALL A PHYSICIAN IMMEDIATELY. If unconscious or in convulsions, take immediately to a hospital or a physician. NEVER induce vomiting or give anything by mouth to an unconscious victim. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

### Most Important Symptoms/Effects, Acute and Delayed:

**Eye Contact:** May cause mild irritation.

**Skin Contact:** May cause mild irritation. No adverse effects expected from incidental contact.

**Skin Absorption:** No data available.

**Inhalation:** No data available. Aerosols and mists may cause: irritation. nausea.

**Ingestion:** No hazard expected under normal use. May be harmful if swallowed.

**Indication of Immediate Medical Attention and Special Treatment Needed:** There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing Media:** Water mist. Carbon dioxide. Dry chemical. Alcohol resistant foam. DO NOT USE: Sharp water jet.

**Specific Hazards Arising from the Chemical:**

**Fire and Explosion Hazards:** Heating or fire can release toxic gases.

**Hazardous Combustion Products:** Carbon dioxide. Carbon monoxide. Formaldehyde. Silicon dioxide. Dimethylcyclosiloxanes. Various hydrocarbon fragments. Toxic vapors. Normal products of combustion. Carbon oxides.

**Special Protective Equipment and Precautions for Fire-Fighters:** Evacuate area of unprotected personnel. Wear protective clothing including NIOSH-approved self-contained breathing apparatus. Remain upwind of fire to avoid hazardous vapors and decomposition products. Use water spray to cool fire-exposed containers.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment, Emergency Procedures:** Evacuate unprotected personnel from area. Maintain adequate ventilation. Follow personal protective equipment recommendations found in Section 8.

**Methods and Materials for Containment and Clean Up:** Shut off source of leak if safe to do so. Contain spill, place into drums for proper disposal. Soak up residue with inert absorbent material. Place in non-leaking containers for immediate disposal. Clean any slippery coating that remains using a detergent/soap solution or another biodegradable cleaner. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs. CAUTION: Spilled material is slippery.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling:** Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Do not swallow. Avoid breathing vapors, mists, or dust. Do not eat, drink, or smoke in work area. Wash thoroughly after handling. Avoid generating mist or aerosol during use.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a cool, well ventilated area, out of direct sunlight. Store in a dry location away from heat. Keep away from incompatible materials. Keep containers tightly closed. Do not store in unlabeled or mislabeled containers. To maintain product quality, do not store in heat or direct sunlight.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**OSHA Exposure Guidelines:**

<u>Component</u>	<u>Limits</u>
No components found.	

**ACGIH Exposure Guidelines:**

<u>Component</u>	<u>Limits</u>
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No components found.

**Note:**

\* When heated to temperatures above 150 degrees C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde.

**Engineering Controls:** General room ventilation is required. Do not use in closed or confined spaces. Avoid creating dust or mist. Maintain adequate ventilation.

**Individual Protection Measures:**

**Eye/Face Protection:** Wear safety glasses with side shields while handling this product. Wear additional eye protection such as chemical safety goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material.

**Skin Protection:** Prevent contact with this product. Wear gloves and protective clothing depending on condition of use. Protective gloves: Impervious. Chemical-resistant.

**Respiratory Protection:** None required under normal use. If vapors or mists are generated, wear: NIOSH/MSHA-Approved organic vapor/mist respirator. DO NOT exceed limits established by the respirator manufacturer. All respiratory protection programs must comply with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements and must be followed whenever workplace conditions require a respirator's use.

**Other Protective Equipment:** Eye-wash station. Safety shower. Protective clothing.

**General Hygiene Conditions:** Wash with soap and water before meal times and at the end of each work shift. Good manufacturing practices require gross amounts of any chemical be removed from skin as soon as practical, especially before eating or smoking.

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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**Physical State:** Liquid.

**Color:** Opaque. White.

**Odor:** Low, non-irritating odor.

**Odor Threshold:** N.D.

**pH:** ~ 7.5 (as is)

**Freezing Point (deg. F):** N.D.

**Melting Point (deg. F):** N.D.

**Initial Boiling Point or Boiling Range:** N.D.

**Flash Point:** N.A.

**Flash Point Method:** N.A.

**Evaporation Rate (nBuAc = 1):** N.D.

**Flammability (solid, gas):** N.D.

**Lower Explosion Limit:** N.A.

**Upper Explosion Limit:** N.A.

**Vapor Pressure (mm Hg):** N.D.

**Vapor Density (air=1):** N.D.

**Specific Gravity or Relative Density:** ~ 0.993 @ 25C

**Solubility in Water:** Dispersible

**Partition Coefficient (n-octanol/water):** N.D.

**Autoignition Temperature:** No Data

**Decomposition Temperature:** N.D.

**Viscosity:** ~ 350 @ 25 C

**% Volatile (wt%):** N.D.

**VOC (wt%):** N.D.

**VOC (lbs/gal):** N.D.

**Fire Point:** N.D.

## 10. STABILITY AND REACTIVITY

**Reactivity:** No data available.

**Chemical Stability:** Stable under recommended storage conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur under normal conditions. Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 deg. C (302 deg. F) through oxidation.

**Conditions to Avoid:** No data available.

**Incompatible Materials:** Strong oxidizing agents. Strong acids. Strong bases. Oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide. Carbon dioxide. Silicone dioxide. Formaldehyde. Dimethylcyclosiloxanes. Oxidizing agents. Carbon oxides. Toxic vapors.

## 11. TOXICOLOGICAL INFORMATION

**Routes of Exposure:** Eyes. Ingestion. Skin. Inhalation.

**Symptoms/Effects: Acute, Delayed and Chronic:**

**Eye Contact:** May cause mild irritation.

**Skin Contact:** May cause mild irritation. No adverse effects expected from incidental contact.

**Skin Absorption:** No data available.

**Inhalation:** No data available. Aerosols and mists may cause: irritation. nausea.

**Ingestion:** No hazard expected under normal use. May be harmful if swallowed.

**Numerical Measures of Toxicity:**

<b>Component</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
No components found or no data available for product.			

**Cancer Information:**

This product does not contain 0.1% or more of the known or potential carcinogens listed in NTP, IARC, or OSHA.

**Medical Conditions Aggravated by Exposure to Product:** None known.

**Other:** This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300F (150C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicological Information:** Daphnia magna (Water flea) LC50: 1803 ppm (48 hr)

Pimephales Promelas (Fathead minnow) LC 50: 1782 ppm (48 hr)

**Chemical Fate Information:** No data available.

## 13. DISPOSAL CONSIDERATIONS

**Hazardous Waste Number:** N.A.

**Disposal Method:** Dispose of in accordance with all local, state and federal regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. The information offered here is for the product as shipped. Use and/or alteration to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA

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classification and the proper disposal method. Since emptied containers retain product residue, follow label warnings even after container is emptied.

**14. TRANSPORT INFORMATION**

**DOT (Department of Transportation):**

**Proper Shipping Name:** Not regulated by the DOT.

**15. REGULATORY INFORMATION**

**TSCA Inventory Status:** All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

This product or all components of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

**SARA Title III Section 311/312 Category Hazards:** Please see Section 2 of this SDS.

<b>Regulated Components:</b>	<b>CAS</b>	<b>CERCLA</b>	<b>SARA</b>	<b>SARA</b>	<b>U.S.</b>	<b>WI</b>	<b>Prop</b>
<b>Component</b>	<b>Number</b>	<b>RQ</b>	<b>EHS</b>	<b>313</b>	<b>HAP</b>	<b>HAP</b>	<b>65</b>

No components found.

**\*Prop 65 - May Contain the Following Trace Components:**

Methanol

Formaldehyde

**16. OTHER INFORMATION**

**Hazard Rating System**

**Health:** 0

**Flammability:** 0

**Reactivity:** 0

\* = Chronic Health Hazard

**NFPA Rating System**

**Health:** 0

**Flammability:** 0

**Reactivity:** 0

**Special Hazard:** None

**SDS Abbreviations**

**N.A. = Not Applicable**

**N.D. = Not Determined**

**HAP = Hazardous Air Pollutant**

**VOC = Volatile Organic Compound**

**C = Ceiling Limit**

**N.E./Not Estab. = Not Established**

**SDS Prepared by:** JAK

**Reason for Revision:** SDS reactivated.

**Revised:** 02-28-2020

**Replaces:** 02-20-2014

The data in this Safety Data Sheet relates to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control it should not be taken as warranty or representation for which POLY CLEAR, INC. assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification.

