

# SAFETY DATA SHEET

## SECTION I – Product and Company Identification

Product Name: Nuclio Poly 60

Chemical Name: Poly [oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride]

Synonyms: WSCP, Clearaid SCP

CAS No.: 31512-74-0

Manufacturer: Qualco, Inc.

225 Passaic Street

Passaic, NJ 07055

Telephone: 973-473-1222

Fax: 973-473-0535

Emergency: 1-800-424-9300 (ChemTrec)

Supplied by: Qualco Inc.

225 Passaic Street

Passaic, NJ 07055

Telephone: 973-473-1222

Fax: 973-473-0535

## SECTION II – Hazards Identification

### Emergency Overview:

Physical Appearance: Clear, light yellow to brown liquid

Immediate Concerns: CAUTION: Eye irritant



### Potential Health Effects:

Eyes: Irritating to eyes.

Skin: Prolonged or repeated exposure may irritate

Ingestion: There is limited information available to determine whether this material causes harm from swallowing.

Inhalation: Mist may be irritating to eyes and respiratory tract.

Cancer Statement: This product (or any component at a concentration of 0.1% or greater) is not listed by the NTP, IARC, OSHA or EPA as a carcinogen.

## SECTION III – Composition/Ingredient Information

Components of this mixture may be proprietary information. In the event of a medical emergency, compositional information will be provided to physician or nurse. This product is hazardous as defined in 29 CFR 1910.1200, based on the following compositional information.

Chemical Name:

Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride]

CAS No.: 31512-74-0

Weight %: 60

## SECTION IV – First Aid Measures

Eye Exposure: Flush immediately with copious amounts of tap water or normal saline (minimum of 15 minutes). Take exposed individual to a health care professional preferably an ophthalmologist for further evaluation.

Skin Exposure: Wash exposed area with plenty of soap and water. Repeat washing. Remove contaminated clothing and wash thoroughly before reuse. If irritation persists, consult a health care professional..

Inhalation: If exposure by inhalation is suspected, immediately move exposed individual to fresh air. If individual experiences nausea, headache, and dizziness, has difficulty in breathing or is cyanotic, seek a health care professional immediately.

Ingestion: DO NOT INDUCE VOMITING. Rinse mouth with copious amounts of water first. Give 1 to 2 glasses of water slowly giving one (1) to two (2) glasses of water or milk. Never give fluids by mouth to individuals who are unconscious. Seek medical attention.

## SECTION V – Firefighting Measures

Flammable Properties: Not Available

Flash Point: >212°F

Autoignition Temperature: Not Available

Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Fire Fighting Procedures: Use water spray to cool fire exposed surfaces and protect personnel.

Isolate "fuel" supply from fire.

**SECTION V – FIRE FIGHTING MEASURES (continued)**

Fire Fighting Equipment: As in any fire, wear self-container breathing apparatus pressure demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

Environmental Precautions:

Water Spill: Prevent additional discharge of material, if possible to do so, without hazard. This material is water soluble/dispersable and may not be recoverable.

Land Spill: Prevent additional discharge of material, if possible to do so, without hazard. For small spills, implement cleanup procedures. For large spills, implement cleanup procedures and, if in a public area, advise authorities.

General Procedures: Contain spilled liquid with sand or earth. Recover by pumping or with suitable absorbent.

Release Notes: Recycle or dispose or recovered material in accordance with all Federal, State and local regulations.

**SECTION VII – HANDLING AND STORAGE**

General Procedures: Keep container closed. Both open and handle containers with care. Store in a cool, well ventilated area from incompatible materials. Do not pressurize, cut, heat or weld containers. Empty product containers may contain product residue. Do not reuse empty containers without commercial cleaning or reconditioning.

Storage Temperature: Ambient.

Storage Pressure: Atmospheric

**SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Controls:** Ventilation should be provided to control worker exposures and prevent health risk; and as necessary to reduce, prevent and control aerosol generation.

**Personal Protective Equipment:**

Eyes and Face: Safety glasses with side shields.

Skin: Where contact may occur, wear chemical resistant gloves and long sleeves.

Respiratory: Where overexposure by inhalation may occur, and engineering work practices or other means of exposure reduction are not adequate, approved respirators may be necessary.

Comments: No workplace exposure limits have been established for this product.

**SECTION IX – PHYSICAN AND CHEMICAL PROPERTIES**

Appearance:	Clear Liquid
Color:	Light yellow to amber brown
Physical State:	Liquid
Odor:	Mild odor
pH:	6.8 to 8.0
Freezing Point:	32°F
Boiling Point/Range:	212°F
Solubility in Water:	Soluble
Percent Volatile:	40
Specific Gravity:	1.13 to 1.17
Density:	9.4 – 9.8
Viscosity:	<300Cp

**SECTION X – STABILITY AND REACTIVITY**

Stability: Stable

Conditions To Avoid: Excessive Heat

Hazardous Decomposition Products: SYS10

Hazardous Polymerization: Hazardous Polymerization does not occur.



**SECTION XVI – OTHER INFORMATION**

**HMIS RATING:**

Health – 1                      Flammability – 0                      Physical Hazard – 0                      Personal Protection – B

**NFPA/HMIS Ratings Legend:** Severe = 4    Serious = 3    Moderate = 2    Slight = 1    Minimal = 0

**Date Prepared:** 12-28-21 rev. 3

The information in this material safety data sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product.

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