



ALDEN LEEDS

swimming pool & spa chemicals

MATERIAL SAFETY DATA SHEET

PRODUCT CODE # 4013-4014/8

PRODUCT NAME: POLY CLEAR MAXI POLISH

ALDEN LEEDS, INC.

55 JACOBUS AVE.

S. KEARNY, NJ 07032 SHEET

(973) 589-3544



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 ALDEN LEEDS, INC. PRODUCT CODE # 4013-4014/8 MATERIAL
 55 JACOBUS AVE. PRODUCT NAME: POLY CLEAR MAXI POLISH SAFETY DATA
 SO. KEARNY, NJ 07032 SHEET
 (201) 589-3544 2/7/12

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SECTION I - IDENTIFICATION

CHEMICAL NAME & SYNONYMS: Poly (Hexamethylene Biguanide Hydrochloride)
 20 % water solution - PHMB
TRADE NAME: Poly Clear Maxi Polish Swimming Pool Sanitizer and Algistat
DESCRIPTION: Light blue liquid with a slight odor.
CAS NO. 32289-58-0

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SECTION II - PHYSICAL DATA

Boiling Point: 208°F **Freezing Point:** 43°F
Evaporation Rate: N/A **Specific Gravity (H₂O=1):** 1.04
pH: 4.5 - 6.0 **Solubility in water:** Completely

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SECTION III - HAZARDOUS INGREDIENTS

MATERIAL	CAS NO.	% BY WEIGHT	HAZARD DATA
PHBM	----	20%	Irritant by prolonged contact with eyes or skin.
Hydrochloric Acid	7647-01	0.2%	None

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A **Autoignition Temp:** N/A
Flammable Limits in Air % By Volume: N/A
Extinguishing Media: Water fog, carbon dioxide, dry chemical or foam.
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: Non-flammable or explosive risks.

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SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:
Inhalation: None
Skin: Prolonged or repeated exposure may cause irritation.
Eye: Concentrated material induced severe irritation.
Ingestion: N/A

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SECTION VI - EMERGENCY AND FIRST AID PROCEDURE

INHALATION: Remove person to fresh air. If cough or other respiratory symptoms develop, consult a physician.
SKIN: Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation persists, consult a physician.
EYE: Immediately flush with water for at least 15 minutes. Immediately consult a physician.
INGESTION: Give large amounts of water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician immediately.

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SECTION VII - TOXICOLOGY

Oral LD50(rat): 2.5 – 2.7g/kg **Inhalation:** Does not pose a vapor inhalation hazard.
Skin Absorption LD50: (rabbit) > 2ml/kg

CHEMICAL NAME:

TRADE NAME: Poly Clear

Poly (Hexamethylene Biguanide Hydrochloride)
20 % water solution - PHMB

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SECTION VIII - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Temperatures below 43°F

Incompatibility (materials to avoid): Chlorine, Bromine, Ozone, Sodium Hydroxide, Copper, Silver, and most metals

Hazardous Decomposition: Combustion products of dry material: carbon dioxide, carbon monoxide, nitrogen oxide, ammonia, halogen, halogen acids, possible trace of carbonyl halide.

Hazardous Polymerization: Will not occur.

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SECTION IX - SPILL, LEAKAGE & DISPOSAL PROCEDURES

Steps to take if material leaks or spills: LARGE SPILLS: Wear skin, eye and respiratory protection during cleanup. Dam area to prevent spread of spill. Absorb on a neutral support (sand, sawdust, etc..) and evacuate before washing spill with great quantity of water. SMALL SPILLS: Flush liquid with a great quantity of water.

Waste disposal method: This product is not a hazardous waste under RCRA 40 CFR 261. However, it is toxic to fish. Dispose of in accordance with all Federal, State and Local regulations.

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SECTION X - SPECIAL PROTECTION DATA

Ventilation: Local ventilation is adequate.

Eye Protection: Wear safety glasses.

Respiratory Protection: If needed, use MSHA NIOH approved respiratory equipment with high efficiency filter combine with cartridge approved for ammonia and methylamine.

Protective Gloves: Use gloves impervious to this material.

Other Equipment: Wear long-sleeved, body-covering clothing.

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SECTION XI - SPECIAL PRECAUTIONS DATA

Handling and Storage: Storage temperature should be above 43, other wise the product can become solid or precipitate. It is only limpid after a long time of warming, under sufficient stirring conditions.

Tank Bulk Storage: Polyethylene, Polypropylene, Vinyl Polychloride..... Unsuitable materials - Metallic materials (Copper, Iron, Zinc, Steels...) and some rubbers. Clean tank by washing with water.

Other: None.

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SECTION XII - TRANSPORTATION INFORMATION

This material is not a hazardous material and is not regulated by the D.O.T. For all transportation accidents, call **CHEMTREC** at 800-424-9300.

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The information herein is given in good faith but no warranty, expressed or implied, is made.

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ALDEN LEEDS, INC.
55 JACOBUS AVE. SO. KEARNY, NJ 07032
24 HOUR EMERGENCY PHONE: CHEMTREC 800-424-9300