

M² Polymer Technologies, Inc.

**P.O. Box 365
West Dundee, IL 60118
P: 847/836-1393
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MATERIAL SAFETY DATA SHEET: May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

PRODUCT NAME: Mercury Cleaning Solution (HgCS-102)

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SECTION I SUPPLIER'S INFORMATION

M² Polymer Technologies, Inc.
P.O. Box 365
West Dundee, IL 60118

Telephone Number for Information: 847/836-1393
Last Update : June 1, 2004

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hg Cleaning Solution is a proprietary formulation which contains small amounts of minerals and organics.

This product should be handled accordingly.

Complies with OSHA 29 CFR XVIII-1900.1200 Section (1) "Trade Secrets".

Contains no hazardous components under current OSHA definitions

SARA Section 313 Reportable Toxic Chemicals: NONE

NFPA/HMIS: Health - 1, Fire - 0, Reactivity - 0, Specific Hazard - None
Personal Protection - B

Dot Class: Not Regulated

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	- 212° F	Specific Gravity	1.06
Vapor Pressure (mm Hg.)	- Same as water	Solubility in water	100%
Vapor Density (AIR = 1)	- Same as water	pH	10.5
Evaporation Rate (Butyl Acetate =1)....	< 1		
Appearance and Odor	- Clear liquid with medium viscosity & synthetic cleaner odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	- NONE
Flammable Limits	- Not Available
Extinguishing Media	- Non-Flammable
Unusual Fire and Explosion Hazards	- None

SECTION V REACTIVITY DATA

Stable under normal use and storage conditions.
In compatible with strong oxidizing agents.
Hazardous decomposition or by-products: oxides of carbon.

SECTION VI HEALTH HAZARD DATA

Health Hazard (Acute & Chronic):
SKIN: Concentrate will dry out and chap sensitive skin as would detergent.
EYES: May cause discomfort
Inhalation of fumes may upset stomach.

Signs & Symptoms of Exposure:
SKIN: Dryness, redness, chapping.
EYES: Tearing, redness, blurred vision.
INGESTION: May cause vomiting.
FIRST AID / EYES: Flush 15 minutes with water.
FIRST AID / INHALATION: Move to fresh air. Apply artificial respiration if breathing has stopped.
FIRST AID / INGESTION: Do not induce vomiting. If any irritation persists, seek medical attention.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

Hygienic Practices: Wear goggles or face shield. Rubber gloves.
Work Practices: Wash after each shift. Remove & wash contaminated clothing before reuse.
Other Protective Clothing: Long sleeved shirt buttoned at neck is desirable. Rubber boots.
If material is spilled, remove leaking package to safe area. Flush with water.
Disposal: Any approved method for dilute cleaner. Surfactants are highly biodegradable.

SECTION VIII CONTROL MEASURES

Respiratory Protection: Not necessary.
Ventilation - Local Exhaust Desirable.
- Mechanical (General) - Helpful in congested areas
Protective Gloves - Recommended. Eye Protection - Safety goggles
Other Protective Clothing or Equipment - None
Work/Hygienic Practices - Wash thoroughly after handling.