
Mercury Chemical Corporation

MATERIAL SAFETY DATA

SECTION 1: PRODUCT IDENTIFICATION

Material Name (Trade Name): Machine Cleaner 250

Product Code #

Manufacturer: Mercury Chemical Corporation

Chemical Name: Blended Product

Chemical Family: Soap

Emergency Telephone Numbers: (336)226-9152

MSDS Number: 001

Effective Date:

Revision #: 001

SECTION 2: INGREDIENTS

<u>Material/CAS</u>	<u>%</u>	<u>Health Hazard Data</u>
2-Butoxyl Ethanol/111-76-2	<10	ACGIH (Skin) 25 ppm Sara 313
Caustic Potash Liquid	45%	ACGIH TLV: Ceiling: 2mg/m3 as TWA (2A) OSHA PEL: Not Listed (3)

EMERGENCY PHONE: (336)226-9152

Mercury Chemical Corporation, P. O. Box 2773, Burlington, NC 27216-2773

SECTION 3: PHYSICAL DATA

Boiling Point: 212 deg. F
Solubility in Water: Infinite
Vapor Pressure: N/A
Vapor Density: N/A
% Volatile by Weight: 88
pH: (neat) : 11.5
Appearance/Odor: Clear yellow liquid/ faint citrus odor

SECTION 4: FIRE AND EXPLOSION DATA

Flash Point (F): > 200 deg. F
Flammable Limits (%): Not known
Extinguishing Media: Water, CO2, Foam

Special Firefighting Procedures:

Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual Fire and Explosion Hazards:

SECTION 5: HEALTH HAZARD INFORMATION/FIRST AID

Toxicology:

Exposure Standards: Not known

Signs and Symptoms of Exposure:

Contact with the eyes and skin causes irritation and redness.

Prolonged exposures to vapors may be irritating to nose, throat and respiratory tract producing symptoms of dizziness, headache and nausea.

FIRST AID

Eye Contact:

Immediately flush eyes with copious quantities of water for a minimum of fifteen (15) minutes. Use fingers to separate eyelids to assure that the eyes are being irrigated. Process should begin within one minute of eye contact. Call a physician.

Skin Contact:

Wash exposed skin with copious quantities of soapy water. Remove all contaminated clothing and wash before re-use

Inhalation:

Remove to fresh air. If breathing impaired, assisted respiration (mouth to mouth) may be indicated as well as supplemental oxygen. Seek medical attention.

Ingestion:

If swallowed, call a physician immediately. Induce vomiting or Remove stomach contents by gastric suction only as directed by medical personnel. Never give anything by mouth to an unconscious person.

SECTION 6: REACTIVITY DATA

Stability: Stable

Conditions to Avoid: .

Incompatibility (Materials to Avoid): Oxidizers

Hazardous Decomposition or By-Products: Oxides of carbon, nitrogen

Hazardous Polymerization: Will not occur

SECTION 7: SPILL, LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case material is released or spilled:

Waste Disposal Method:

Dispose in approved landfill. Comply with all federal, state and local regulations.

Precautions to be taken when handling and storing:

Keep away from oxidizers, heat or flames. Keep in a cool, dry ventilated storage and in closed containers. Avoid contact with skin, eyes and clothing.

SECTION 8: SPECIAL PROTECTION INFORMATION

Respiratory Protection:

Keep container closed. Avoid prolonged breathing of vapors or mists. In poorly ventilated areas, masks of the cartridge type (NIOSH) approved for organic vapors are recommended. Generally, respiratory protection is unnecessary provided there is adequate ventilation.

Eye Protection:

Chemical safety goggles to be used when working with mists, dust or liquids.

Other Protective Clothing and Equipment:

**Eye wash stations readily accessible
Safety shower
Long sleeved clothing**

Work and Hygienic Practices:

Wash at the end of each workshift and before eating, smoking or using the toilet. Change work clothing daily before leaving the work place.

SECTION 9: SPECIAL PRECAUTIONS & HANDLING INFORMATION

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep away from heat, sparks and flame. Keep container closed.

SECTION 10: REGULATORY INFORMATION

Federal EPA

CERCLA: Comprehensive Environmental Response, Compensation and Liability Act of 1980 requires notification to the National Response Center for release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4.

Components present in this product at a level which could require reporting under this statute are:

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
2-Butoxyl Ethanol/111-76-2	<10	ACGIH (Skin) 25 ppm Sara 313
Silicic Acid./6834-92-0 Disodium Salt	1	OSHA PEL: 15 mg/cu m* ACGIH TLV-TWA: 10 mg/cu m *

SARA Title III: Superfund Amendments and Reauthorization Act of 1986 requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSDS's that are copied and distributed for this material.

Components present in this product at a level which could require reporting under this statute are:

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
2-Butoxyl Ethanol/111-76-2	<10	ACGIH (Skin) 25 ppm Sara 313
Silicic Acid./6834-92-0 Disodium Salt	1	OSHA PEL: 15 mg/cu m* ACGIH TLV-TWA: 10 mg/cu m *

Sara Title III: Superfund Amendments and Reauthorization Act of 1986 requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on reportable quantities (RQs) in 40 CFR 355.

Components present in this product at a level which could require reporting under this statute are:

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
2-Butoxyl Ethanol/111-76-2	<10	ACGIH (Skin) 25 ppm Sara 313
Silicic Acid./6834-92-0 Disodium Salt	1	OSHA PEL: 15 mg/cu m* ACGIH TLV-TWA: 10 mg/cu m *

TSCA: Toxic Substances Control Act status: The ingredients of this product are on the TSCA inventory.

State Right-To-Know

CALIFORNIA Proposition 65 (reportable materials): NONE

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
2-Butoxyl Ethanol/111-76-2	<10	ACGIH (Skin) 25 ppm Sara 313
Silicic Acid./6834-92-0 Disodium Salt	1	OSHA PEL: 15 mg/cu m* ACGIH TLV-TWA: 10 mg/cu m *

MASSACHUSETTS Right-To-Know, Substance Inventory (MSL) lists hazardous substances and extraordinarily hazardous substances which must be identified when present in products. (>+=0.0001%)

Components present in this product at a level which could require reporting under this statute are:

Extraordinarily Hazardous Substances

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
2-Butoxyl Ethanol/111-76-2	<10	ACGIH (Skin) 25 ppm Sara 313
Silicic Acid./6834-92-0 Disodium Salt	1	OSHA PEL: 15 mg/cu m* ACGIH TLV-TWA: 10 mg/cu m *

Other Hazardous Substances

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
2-Butoxyl Ethanol/111-76-2	<10	ACGIH (Skin) 25 ppm Sara 313
Silicic Acid./6834-92-0 Disodium Salt	1	OSHA PEL: 15 mg/cu m* ACGIH TLV-TWA: 10 mg/cu m *

PENNSYLVANIA Right-To-Know, Hazardous Substances Inventory lists hazardous substances and special hazardous substances which must be identified when present in products.

Components present in this product at a level which could require reporting under this statute are:

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
2-Butoxyl Ethanol/111-76-2	<10	ACGIH (Skin) 25 ppm Sara 313
Silicic Acid./6834-92-0 Disodium Salt	1	OSHA PEL: 15 mg/cu m* ACGIH TLV-TWA: 10 mg/cu m *

NEW JERSEY Worker and Community Right-To-Know Act Hazardous Substance Inventory lists hazardous components present in this product which could require reporting under this statute are:

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
2-Butoxyl Ethanol/111-76-2	<10	ACGIH (Skin) 25 ppm

Sara 313

Silicic Acid./6834-92-0 1
Disodium Salt

OSHA PEL: 15 mg/cu m*
ACGIH TLV-TWA: 10 mg/cu m *

SECTION 11: TRANSPORTATION INFORMATION

DOT Proper Shipping Name:

DOT Exceptions and Additional Labels Required:

Other Labeling Information:

Reportable Quantity:

Freight Class: 55

The information contained herein is based on the data available to us and is believed to be correct. However, MERCURY CHEMICAL CORPORATION makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. MERCURY CHEMICAL CORPORATION assumes no responsibility for injury from the use of the product described herein.
