
Mercury Chemical Corporation

MATERIAL SAFETY DATA

SECTION 1: **PRODUCT IDENTIFICATION**

Material Name (Trade Name): MercoSoft HW 117

Product Code # FCFS-015

Manufacturer: Mercury Chemical Corporation

Chemical Name: Silicon Softener

Chemical Family: Modified Silicon Softener

Emergency Telephone Numbers: (336)226-9152

MSDS Number: 001

Effective Date: 01/03/06

Revision #: 001

SECTION 2: **INGREDIENTS**

<u>Material/CAS</u>	<u>%</u>	<u>Health Hazard Data</u>
---------------------	----------	---------------------------

OSHA hazard as defined in 29 CFR1910.1200:		Irritant
Ethoxylated Alcohol		

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:
Vapor Pressure: Not Determined
Vapor Density: Not Determined
% Volatile by Weight:
pH: (neat) : 3.8 – 5.8
Appearance/Odor: Clear to slightly blue/Mild

SECTION 4: FIRE AND EXPLOSION DATA

Flash Point (F): Not determined
Flammable Limits (%):
Extinguishing Media: Water, CO2, Water, Fog, Dry Chemical

Special Firefighting Procedures:

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

Unusual Fire and Explosion Hazards:

None Known

SECTION 5: HEALTH HAZARD INFORMATION/FIRST AID

Toxicology:

Exposure Standards:

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 mouth an unconscious person.

SECTION 6: REACTIVITY DATA

Stability: Stable under normal storage conditions.

Conditions to Avoid: .

Incompatibility (Materials to Avoid):

Hazardous Decomposition or By-Products: Thermal decomposition may produce oxides of carbon, oxides of silicon and oxides of 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

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
-----------------	-------------	--------------------------

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>
-----------------	-------------	--------------------------

Other Hazardous Substances

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
-----------------	-------------	--------------------------

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>
-----------------	-------------	--------------------------

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>
-----------------	-------------	--------------------------

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.
