



## MOP OFF SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION

**Product Name:** MOP OFF

**Manufacturer:** Catalina Chemical, 4709 N. Lois Ave. Tampa, FL 33614. Phone: (813) 876-5914

**Recommended Use:** Coating Solution

**Emergency Phone:** ChemTel Inc: 1 (800) 255-3924

### SECTION 2: HAZARDS IDENTIFICATION

**GHS Classification:**      *Skin irritation Category 3*                      *Acute Toxicity (Dermal) Category 4*  
   *Acute Toxicity (Inhalation) Category 4*      *Eye Irritation Category 2B*

**Pictogram:**



**Signal Word:** Danger

#### **Hazard Statements:**

H304: May be fatal if swallowed and enters airways

H312 + H332 Harmful in contact with skin or if inhaled

H315: Causes skin irritation

H315 + H320 Causes skin and eye irritation

H336: May cause drowsiness or dizziness

H373 May cause damage to organs through prolonged or repeated exposure

#### **Precautionary Statements:**

P201: Obtain special instructions before use

P202: Do not handle until all safety precautions have been read and understood

P233: Keep container tightly closed

P260: Do not breathe dust/fume/gas/mist/vapors/spray

P261: Avoid breathing mist / vapors

P264: Wash thoroughly after handling

P280: Wear protective gloves and eye/face protection

P281: Use personal protective equipment as required

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

P304 + P340 + P312: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Call a POISON CENTER or doctor/ physician if you feel unwell

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P308+P313: IF exposed or concerned: Get medical advice/attention  
P332+P313: If skin irritation occurs: Get medical advice/attention  
P331: Do NOT induce vomiting  
P362+P364: Take off contaminated clothing and wash it before reuse  
P403 + P233: Store in a well-ventilated place. Keep container tightly closed  
P403 + P235: Store in a well-ventilated place. Keep cool  
P501: Dispose of contents and container in accordance with local regulations

### **SECTION 3 COMPOSITION ON INGREDIENTS**

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and exact percentage (concentration) of composition has been withheld as a trade secret.

### **SECTION 4: FIRST AID MEASURES**

**Eye Contact:** Flush eyes with water. Seek medical attention if irritation persists.

**Skin Contact:** Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation persists.

**Inhalation:** If inhaled, remove to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. In case of unconsciousness place patient stably in side position for transportation.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention if symptoms appear.

### **SECTION 5 · FIRE FIGHTING MEASURES**

**Suitable Extinguishing media:** Alcohol-resistant foam, dry chemical or carbon dioxide.

**Hazardous combustion products:** Oxides of carbon and various hydrocarbons

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

**Unusual Fire and Explosion Hazards:** Containers can build up pressure if exposed to heat and/or fire.

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Provide adequate ventilation. Evacuate all non-essential personnel from the spill area. Suitable protective clothing should be worn. Shut off or plug source of spill. Absorb on inert media and collect into suitable container. Salvage as much re-useable liquid as possible into a suitable container. Contain spillage, and then collect with noncombustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

### **SECTION 7 · STORAGE AND HANDLING**

**Handling:** Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed and tightly sealed when not in use. Avoid contact with skin and eyes. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.

**Conditions for safe storage:** Keep in properly labeled containers. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations.

**Materials to avoid:** Do not store with the following product types: Explosives.

### **SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Permissible Exposure Limit:** 20 ppm ACGIH; 50 ppm OSHA

**Engineering Controls:** Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of will vary depending upon potential exposure conditions.

**Personal Protective Equipment (PPE):**

**Eyes:** Wear appropriate, tightly fitting protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

**Skin:** Wear appropriate protective gloves.

**Clothing:** Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other protective items.

**Respirators:** Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** yellow colored liquid

**Odor:** strong aromatic

**Odor threshold;** no data available

**pH:** 10

**Melting point/freezing point:** n/a

**Initial boiling point and boiling range:** 212°F

**Flash point:** n/a

**Evaporation rate:** .76

**Flammability:** n/a

**Flammability limits:** n/a

**Vapor pressure:** 25-28 mmHg

**Relative density:** 1.01

**Solubility:** in water

**Auto-ignition temperature:** n/a

**Decomposition temperature:** no data available

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Not classified as a reactivity hazard.

**Chemical stability:** Stable under normal conditions.

**Possibility of hazardous reactions:** none known

**Conditions to avoid:** none known

**Incompatible materials:** none known

**Hazardous decomposition products:** none

## SECTION 11: TOXICOLOGICAL INFORMATION

**Likely routes of exposure:** inhalation, ingestion, skin and eye contact

**Signs and Symptoms of Overexposure:**

**Skin:** Contact can cause redness and irritation. Severity depends on the amount and duration of exposure.

**Eyes:** Vapors are irritating to the eyes. Liquid contact will cause stinging and tearing.

**Inhalation:** Excessive inhalation of high concentrations may be harmful. Mist or vapor can irritate the throat and lungs. Breathing this material may cause central nervous system depression.

**Ingestion:** If swallowed this material may irritate the mucous membranes of the mouth throat and esophagus.

Aspiration of this material into the lungs may result in damage or death.

## SECTION 12 · ECOLOGICAL INFORMATION

**Ecotoxicity:** Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

**Mobility:** Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.

**Biodegradation:** Not readily biodegradable.

**Atmospheric Oxidation:** Expected to degrade rapidly in air.

## SECTION 13 · DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical should be classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## SECTION 14 · TRANSPORTATION

DOT: Not regulated

IATA: Not regulated

IMDG: This material may meet the definition of a marine pollutant

## SECTION 15 · REGULATORY INFORMATION

### US Federal Regulations

#### CERCLA Reportable Quantity

Chemical Name	CAS No	RQ(lbs)
Ethylene glycol	107-21-1	5000

#### SARA 313

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

Chemical Name	CAS No	Weight %	SARA 313 Threshold Value %
Diethanolamine - 111-42-2	111-42-2	1-5%	1.0
2-Butoxy ethanol	111-76-2	5-10%	

### US State Regulations

#### *US State Right to Know Regulations*

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Diethanolamine 111-42-2	x	X	x
1,2 Propanediol 57-55-6	x		x
2-Butoxy ethanol	X	X	X

#### California Prop 65

<u>Chemical Name</u>	<u>CAS No</u>
Ethylene glycol	107-21-1
Diethanolamine	11-42-2
Cocamide	68603-42-9

## SECTION 16 · OTHER INFORMATION

### **MSDS Revision Date:** July 2018

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