

# **ZACLON LLC**

## **MATERIAL SAFETY DATA SHEET**

### **SECTION 1: MATERIAL IDENTIFICATION**

NAME: Zaclon® Wetting Agent A

CHEMICAL FAMILY: Alcohol Ethoxylate

MANUFACTURER / DISTRIBUTOR: Zaclon LLC  
 PRODUCT INFORMATION PHONE: (800) 356-7327

ADDRESS: 2981 Independence Road  
 Cleveland, Ohio 44115  
 TRANSPORTATION EMERGENCY PHONE: CHEMTREC (800) 424-9300

### **SECTION 2: HAZARDS IDENTIFICATION**

**Emergency Overview:** Contact causes severe eye irritation. Contact with skin may cause irritation. May cause irritation of respiratory tract.

Potential Health Effects:

**Eyes:** Contact can cause moderate to severe irritation and possible injury to eyes.

**Skin:** This product may cause skin irritation.

**Inhalation:** Inhalation of vapors or mists of the product may be irritating to the respiratory system.

**Ingestion:** Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<b>MATERIAL</b>	<b>CAS NUMBER</b>	<b>%</b>
HEXYLENE GLYCOL	107-41-5	5-15
WATER	7732-18-5	25-35
ALCOHOL ETHOXYLATES	Proprietary	55-65

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

**Eye Contact** - In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

**Skin Contact** - Wash skin large amounts of water after contact. Remove and wash contaminated clothing before reuse. Call a physician if irritation persists.

**Inhalation** - If symptoms are experienced, remove to fresh air immediately. Call a physician if symptoms persist. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Seek medical attention immediately.

**Ingestion** - If a large amount is swallowed, do NOT induce vomiting. Immediately give two or more glasses of water or activated charcoal slurry. Never give anything by mouth to an unconscious person. Call a physician.

### **SECTION 5: FIRE FIGHTING MEASURES**

#### **EXTINGUISHING MEDIA**

Water spray, fog, foam, dry chemical, CO<sub>2</sub>.

**SPECIAL FIRE FIGHTING INSTRUCTIONS**

Evacuate personnel to a safe area. Wear self-contained breathing apparatus approved by MSHA/NIOSH. Wear full protective equipment.

**NPCA-HMIS RATINGS**

Health 2  
 Flammability 1  
 Reactivity 0  
 Personal Protection \*\* -

\*\*Personal protection rating to be supplied by the user depending on use conditions

**TITLE III HAZARD CLASSIFICATIONS**

Acute Yes  
 Chronic No  
 Fire No  
 Reactivity No  
 Pressure No

TSCA INVENTORY STATUS: REPORTED/INCLUDED

**SECTION 6: ACCIDENTAL RELEASE MEASURES:**

**Personal Precautions:** Isolate area and keep unnecessary personnel away. Stay up wind and keep out of low areas. Ventilate enclosed spaces before entering.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so.

**Methods for containment:** Prevent entry into waterways, sewers, basements or confined areas if possible.

**Methods for cleaning up:** Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.  
 Small Spills---Soak with vermiculate, sand, oil dry or other absorbent material. Shovel or sweep up. Flush spill area with water. (NOTE that Treatment, storage, transportation, and disposal of material must be done in accordance with applicable federal, state and local regulations.)

Large Spills---Dike far ahead of the liquid for later disposal.

NOTE: Review FIRE AND EXPLOSION HAZARDS AND SAFETY PRECAUTIONS before proceeding with clean up.

**SECTION 7: HANDLING AND STORAGE CONDITIONS**

**Handling:** Avoid contact with eyes and skin. Wash hands thoroughly after handling.

**Storage:** Store in cool, well ventilated area.  
 Keep container tightly closed.

Do not store or consume food, drink or tobacco in area where they may become contaminated with this material.

Freezing will affect physical condition but will not damage effectiveness. Thaw and mix before using.

**SECTION 8: Exposure Controls/Personal Protection****EXPOSURE LIMITS**

For HEXYLENE GLYCOL (107-41-5)

ACGIH: Ceiling: 25 ppm

OSHA: Ceiling, 25 ppm, 121 mg/m<sup>3</sup>

**Engineering Controls:** Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

PERSONAL PROTECTIVE EQUIPMENT

**EYE/FACE PROTECTION** Wear safety glasses or coverall chemical splash goggles. Eye wash fountain and emergency showers are recommended.

**RESPIRATORS** Where there is potential for airborne exposures in excess of applicable limits, wear NOISH/MSHA approved respiratory protection.

**PROTECTIVE CLOTHING** Where there is potential for skin contact have available and wear as appropriate, impervious gloves, apron, pants, and jacket.

**SECTION 9: PHYSICAL DATA**

BOILING POINT, 760 mm Hg	>100 °C/212 °F
FLASH POINT, PMCC	>100 °C/212 °F
SPECIFIC GRAVITY	1.03
SOLUBILITY IN WATER 40 WT %	% VOLATILES ~40 WT %
pH INFORMATION 6 to 8 (10% in D.I. Water, 25 C)	ODOR Bland
FORM Liquid, Clear, Viscous (365 cps @ 25 C)	COLOR Colorless to Pale Yellow

**SECTION 10: HAZARDOUS REACTIVITY**

**INSTABILITY** Stable in normal conditions

**INCOMPATIBILITY** Strong oxidizing agents.

**DECOMPOSITION** Decomposition will not occur in normal conditions; irritating and/or toxic fumes may be emitted upon product decomposition..

**POLYMERIZATION** Polymerization will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION** Not available

**SECTION 12: ECOLOGICAL INFORMATION** Not available

SECTION 13: DISPOSAL INFORMATION

Dispose of in accordance with all applicable regulations.  
All wastes must be handled in accordance with local, state and federal regulations. Regulations vary.

**SECTION 14: SHIPPING INFORMATION**

DOT/IMO

Proper Shipping Name: Non-Regulated Material

Shipping Containers: 5 gal. P.E. pail; 55 gal. fiber drum with polyethylene liner.

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations

US CERCLA Hazardous Substances Reportable Quantity

Acetaldehyde (75-07-0) 1000 lbs.  
 US EPACRA (SARA Title III) Section 313 – Toxic Chemical de minimus concentration  
 Acetaldehyde (75-07-0) 0.1%  
 Nitrotriacetic acid (NTA) 139-13-9) 0.1%  
 US EPCRA (SARA Title III) Section 313 – Toxic Listed substance  
 Acetaldehyde (75-07-0) Listed  
 Nitrotriacetic acid (NTA) 139-13-9) Listed

**REPORTABLE QUANTITY (RQ):** The RQ of this product is 151515 pounds, based upon Acetaldehyde (75-07-0) which yielded the lowest RQ according to the CERCLA ingredient RQ/% of that ingredient in the product formula.

CERCLA SUPERFUND RQ: None

**OTHER SARA REGULATIONS:** Section 302, Extremely Hazardous: **NO**  
 Section 311, Hazardous Chemical: **NO**

#### Inventory Status

Country or Region	Inventory name	On Inventory (Yes/No)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substance List (DSL)	Yes
Canada	Non-Domestic Substance List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	No
Phillippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
U.S. and Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\* A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

#### State Regulations

##### California Proposition 65

WARNING: This product may contain a chemical known to the State of California to cause cancer and birth defects or other reproductive harm: ethylene oxide (75-21-8)

##### US California Proposition 65 – CRT: Listed data/Carcinogenic Substance

Acetaldehyde (75-07-0) Listed 4/1/1988 Carcinogenic  
 Nitrotriacetic acid (NTA) 139-13-9) Listed 1/1/1988 Carcinogenic

##### US New Jersey Community RTK (EHS Survey): Reportable Threshold

Acetaldehyde (75-07-0) 500 lbs.  
 Nitrotriacetic acid (NTA) 139-13-9) 500 lbs.

##### US New Jersey Community RTK Substance: Listed Substance

Acetaldehyde (75-07-0) Substance no. 0001 listed  
 Hexylene Glycol (107-41-5) Substance no. 1003 listed  
 Nitrotriacetic acid (NTA) 139-13-9) Substance no. 1358 listed

##### US Pennsylvania RTK-Hazardous Substances: Listed Substances

Acetaldehyde (75-07-0) Listed  
 Hexylene Glycol (107-41-5) Listed  
 Nitrotriacetic acid (NTA) 139-13-9) Listed



