

## ZACLON LLC

### MATERIAL SAFETY DATA SHEET

#### **IDENTIFICATION**

**NAME**

Halogen Tin Addition Agent

**CHEMICAL FAMILY**

Glycol ether in Water

**GRADES** AA 20; BH 20

**SYNONYMS** Proprietary

**FORMULA** Proprietary

**MANUFACTURER/DISTRIBUTOR**

Zaclon, Inc.

**PRODUCT INFORMATION PHONE**

(800) 356-7327

**ADDRESS**

2981 Independence Road  
Cleveland, Ohio 44115

**TRANSPORTATION EMERGENCY PHONE**

CHEMTREC (800) 424-9300

#### **PHYSICAL DATA**

**BOILING POINT, 760 MM Hg**

~100 °C (~212 °F)

**MELTING POINT**

~12 °C (~10 °F)

**SPECIFIC GRAVITY**

1.1

**VAPOR PRESSURE**

Vapor is water.

**VAPOR DENSITY**

Vapor is water.

**SOLUBILITY IN WATER**

100%

**pH INFORMATION**

8.2

**EVAPORATION RATE (BUTYL ACETATE=1)**

>1

**FORM**

Liquid

**APPEARANCE**

Clear

**COLOR**

Colorless

**ODOR**

Odorless

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The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

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## **HAZARDOUS COMPONENTS**

<b>MATERIAL(S)</b>	<b>CAS NO.</b>	<b>APPROXIMATE %</b>
None		

### **HAZARDOUS REACTIVITY**

**INSTABILITY** Stable

**INCOMPATIBILITY** None known.

**DECOMPOSITION** Will not occur.

**POLYMERIZATION** Will not occur.

### **FIRE AND EXPLOSION DATA**

**FLASH POINT** Will not burn.

**FLAMMABLE LIMITS IN AIR % BY VOL.**

**LOWER** Not applicable.

**AUTOIGNITION TEMPERATURE**  
Not applicable.

**UPPER** Not applicable.

**AUTODECOMPOSITION TEMPERATURE**

Not applicable.

### **FIRE AND EXPLOSION HAZARDS**

None known.

### **EXTINGUISHING MEDIA**

As appropriate for combustibles in area.

### **SPECIAL FIRE FIGHTING INSTRUCTIONS**

None.

## **HEALTH HAZARD INFORMATION**

**PRINCIPAL HEALTH HAZARDS** (Including Significant Routes, Effects, Symptoms of Over-Exposure, and Medical Conditions Aggravated by Exposure)

Inhalation 6-hour ALC: >2.52 g/m<sup>3</sup> in mice

Skin absorption ALD: >20 g/kg in rabbits

Oral LD50: >50,000 mg/kg in rats

The product is not an eye or skin irritant based on tests with laboratory animals. Toxic effects described in animals from short exposures include kidney effects at very high dosages. Animal testing indicates that this compound does not have carcinogenic, mutagenic, or embryotoxic effects.

Human health effects of overexposure: no significant effects would be expected. Significant skin permeation after contact appears unlikely. There are no reports of human sensitization.

**CARCINOGENICITY**

Not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.

**EXPOSURE LIMITS [PEL (OSHA), TLV (ACGIH), ETC.]**

Exposure limits for halogen tin addition agents have not been established by OSHA or ACGIH.

**SAFETY PRECAUTIONS**

Wash thoroughly after handling.

**FIRST AID**

If swallowed, no specific intervention is indicated as the compound is not likely to be hazardous by ingestion. However, consult a physician if necessary.

***PROTECTION INFORMATION*****GENERALLY APPLICABLE CONTROL MEASURES**

No special ventilation required for normal use.

**PERSONAL PROTECTIVE EQUIPMENT**

As a matter of good hygienic practice, safety spectacles (side shields preferred) should be worn.

***DISPOSAL INFORMATION*****SPILL, LEAK OR RELEASE**

Flush spill area with water.

**WASTE DISPOSAL**

Comply with Federal, State, and local regulations. If approved, flush to chemical sewer.

***SHIPPING INFORMATION*****DOT (172.101)****PROPER SHIPPING NAME**

Not regulated as a hazardous material by DOT.

**HAZARD CLASS**

Not regulated.

**IMO****PROPER SHIPPING NAME**

Not regulated as a hazardous material.

**HAZARD CLASS** Not regulated.

**DOT/IMO (172.102)****PROPER SHIPPING NAME**

Not regulated as a hazardous material.

**HAZARD CLASS**

Not regulated.

**IATA/ICAO****PROPER SHIPPING NAME**

Not regulated as a hazardous material.

**HAZARD CLASS** Not regulated.

## **OTHER INFORMATION**

### **SHIPPING CONTAINERS**

6 gallon polyethylene pails.

### **STORAGE CONDITIONS**

Do not allow to freeze; store at 2 to 38 C (35 to 100 F).

### **NFPA-HMIS RATINGS**

Health	1
Flammability	1
Reactivity	0
Personal Protection	

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

DATE OF LATEST REVISION/REVIEW: August 2009

PERSON RESPONSIBLE FOR MSDS: J. L. Curry  
Zaclon, Inc.  
2981 Independence Road  
Cleveland, Ohio 44115  
800-356-7327 or 216-271-1601

halogen tin addition agent aa20-bh20 8 2009 msds