

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Log Keeper

PRODUCT COLORS: Liquid is milky white; dries clear

## ===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: Sashco, Inc.  
ADDRESS: 10300 E 107th Pl, Brighton, Colorado 80601  
EMERGENCY PHONE: 1-800-535-5053 (Infotrac, Inc.)  
INFORMATION PHONE: 1-800-767-5656 (Sashco, Inc.)  
DATE REVISED: 7-17-99  
NAME OF PREPARER: Wayne Summons  
REASON REVISED: Updated  
CODE IDENTIFICATION: LKR  
PRODUCT IDENTIFICATION: Log Keeper  
FORMULA: Proprietary Mixture

## ===== SECTION II - HAZARDOUS INGREDIENTS =====

Ingredient	Wt. %	TLV	PEL
Tetrachloroisophthalonitrile (CAS #1897-45-6)* <sup>x</sup>	9 - 10	N/A	N/A
3-Iodo-2-butyl carbamate (CAS #55406-53-6)	2 - 3	N/A	N/A
Ethylene Glycol (CAS #000107-21-1)*	4.5 - 5.5	50 PPM	50 PPM

\*These chemicals are subject to the reporting requirements of section 313 of SARA Title III. <sup>x</sup>This material is reported by the State of California to be a carcinogen. This material is NOT listed as a carcinogen by IARC, NTP, or OSHA. (The manufacturer of this chemical, however, reports that in the concentrations recommended for actual application, little carcinogenic risk exists.) Before application, this product is to be diluted: 1 part Log Keeper to 9 parts clean water.

## ===== SECTION III - PHYSICAL DATA =====

SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.08  
PERCENT VOLATILE BY WEIGHT (%): 68 - 69%  
EVAPORATION RATE (WATER=1): Is slower than n-Butyl Acetate  
SOLUBILITY IN WATER: 1) Liquid is 100% soluble in water, 2) Dried film - zero solubility  
APPEARANCE AND ODOR: Liquid is milky white, with characteristic, mild, sweet odor  
BOILING POINT (°F): 212°F  
VAPOR PRESSURE (mm Hg.): Not Determined  
VAPOR DENSITY (AIR=1): Lighter than Air

## ===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT (°F): Greater than 200°F (non-Flammable)  
FLAMMABLE LIMITS: Not Determined  
EXTINGUISHING MEDIA: Foam, Alcohol Foam, CO<sub>2</sub>, Dry Chemical, Water Fog  
SPECIAL FIRE FIGHTING PROCEDURES: Thermal decomposition will produce toxic fumes. Wear self-contained breathing apparatus and full turn-out gear to fight fires.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: May decompose under fire conditions, emitting toxic and irritating gases (hydrogen chloride).

===== SECTION V - HEALTH HAZARD DATA =====

THRESHOLD LIMIT VALUE: Not Determined

EFFECTS OF OVEREXPOSURE:

**Eye Contact:** Irritating. May cause tearing, reddening and/or swelling. **Skin Contact:** Possibly irritating. May cause skin sensitization, an allergic reaction, which becomes evident on re-exposure to this material. Symptoms include marked skin irritation, redness, and a flaky rash. **Inhalation:** Toxic. Harmful if inhaled. **Ingestion:** Slightly toxic. May be harmful if swallowed. Can cause gastrointestinal irritation.

EMERGENCY AND FIRST AID PROCEDURES:

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Obtain medical attention without delay, preferably from an ophthalmologist. **Skin Contact:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Obtain medical attention immediately if symptoms occur. Wash clothing before reuse. **Inhalation:** Remove to fresh air. If not breathing, give CPR. If breathing is difficult, give oxygen. Get medical attention. **Ingestion:** If swallowed, do NOT induce vomiting. Have victim drink 8-10 ounces of water to dilute material in stomach. Get medical attention. Never give anything by mouth to an unconscious person.

===== SECTION VI - REACTIVITY DATA =====

**STABILITY:** This product is stable under normal storage conditions

**INCOMPATIBILITY:** Not applicable

**HAZARDOUS DECOMPOSITION PRODUCTS:** May decompose under fire conditions, emitting gases and vapors (i.e., hydrogen chloride) which may be toxic and irritating to the respiratory tract.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

===== SECTION VII - SPILL OR LEAK PROCEDURES =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** These wastes are toxic. Improper disposal of excess Log Keeper, spray mixture or rinsate is a violation of federal laws. If these wastes cannot be disposed of by using according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**WASTE DISPOSAL METHOD:** Triple rinse (or equivalent -- such rinsing should occur when making the dilute solution in a 5-gallon pail). The offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other means approved by state and local officials.

===== SECTION VIII - SPECIAL PROTECTION INFORMATION =====

**RESPIRATORY PROTECTION:** Wear a properly fitted NIOSH/MSHA-approved respirator whenever exposure to vapor or mist is likely and where ventilation is inadequate.

**VENTILATION:** Use adequate ventilation.

**PROTECTIVE GLOVES:** Use impermeable gloves to minimize skin contact. Special precautions should be taken to ensure that material cannot get inside gloves. Wear long-sleeved shirts, long pants, and rubber boots or disposable coveralls when handling this product.

**EYE PROTECTION:** Use chemical splash goggles.

**OTHER PROTECTIVE EQUIPMENT:** To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product.

===== SECTION IX - SPECIAL PRECAUTIONS =====

CAUTIONS TO BE TAKEN IN HANDLING AND STORING: Use with adequate ventilation. Wash thoroughly after handling. Follow all MSDS label precautions even after container is emptied because it may contain product residues. Avoid breathing vapor or mist. Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry place. Keep container closed when not in use.

OTHER PRECAUTIONS:

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

===== SECTION X - TRANSPORTATION INFORMATION =====

**DOT Transport Information**

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s.

Technical Name: Proprietary mixture containing Chlorothalonil

Hazard Class: 9      Packing Group: III      RQ (lbs.): None

I.D. Number: UN3082      ERG No.: 31

Transport Label(s) Required: Class 9, Marine Pollutant (via water)

===== SECTION X - DISCLAIMER =====

**DISCLAIMER:**

The information contained herein is based on data available at the time of preparation of this data sheet and which Sashco Sealants, Inc., believes to be reliable. However, no warranty is expressed or implied regarding the accuracy of this data. The Sashco Corporation shall not be responsible for the use of this information or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment and the health and safety of your employees and users of this material.