

Material Safety Data Sheet

24-Hour Emergency Telephone Number
1-800-424-9300 (Chemtree)



MSDS #: 74500

MSDS #: 74500
DATE OF PREPARATION: 11/12/2002
LAST REVISION DATE: 11/12/2002

HMIS Ratings:
HEALTH: 1
FLAMMABILITY: 3
REACTIVITY: 0
PROTECTION: G

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: ETURA RETARDER
PRODUCT DESCRIPTION: RETARDER FOR ETURA FINISH

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	% WEIGHT	Occupational Exposure Limits		VAPOR PRESSURE- mm Hg
			ACGIH-TLV	OSHA-PEL	
DIPROPYLENE GLYCOL METHYL ETHER (DPM)	34590-94-8	<5%	100 PPM	100 PPM	0.55 @ 25C
PROPYLENE GLYCOL METHYL ETHER	107-98-2	5-10%	100 PPM	N/E	12.5 @ 25C

SECTION III - PHYSICAL DATA

BOILING RANGE: EVAPORATION RATE: Slower than n-Butyl Acetate
% VOLATILE - WT: >90% DENSITY: 7.8 LBS/GAL (0.93 KG/L)
VAPOR DENSITY: Heavier Than Air SOLUBILITY IN WATER: Miscible
PRODUCT CHARACTERISTICS: Colorless Liquid

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: OSHA - Flammable Liquid Class IB
FLASH POINT: 31C (88F)
% OF VOL. OF FLAMMABLE LIMITS (Upper): 1.1 (Lower): 14.0
EXTINGUISHING MEDIA: Dry Chemical, Carbon Dioxide, Water Spray, or Regular Foam

UNUSUAL FIRE EXPLOSION HAZARDS: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Extinguish all sources of flame or spark. Keep containers tightly closed when not in use. Closed containers may explode when exposed to extreme heat.

SPECIAL FIREFIGHTING PROCEDURES: See 2000 North American Emergency Response Guidebook - Guide 128. Wear self-contained breathing apparatus with full facepiece operated in pressure demand or other positive pressure mode. Irritating or toxic substances may be emitted upon thermal decomposition. Avoid breathing vapors.

Material Safety Data Sheet

24-Hour Emergency Telephone Number
1-800-424-9300 (Chemtrec)



MSDS #: 74500

SECTION V - HEALTH HAZARD DATA AND FIRST AID PROCEDURES

- EYE CONTACT:** May cause irritation. In case of contact, flush immediately with large amounts of water for at least 15 minutes, holding eyelids apart. Obtain medical attention.
- SKIN CONTACT:** May cause irritation. In case of contact, remove contaminated clothing, and wash area with soap and water. If irritation persists, consult a physician.
- INHALATION:** If you experience eye watering, headaches or dizziness, increase fresh air flow or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area.
- INGESTION:** Harmful if swallowed. If ingested, do not induce vomiting. Consult a physician immediately.
- PRIMARY ROUTES OF ENTRY:** Skin, eye, nose, throat and lung irritation
- REGULATORY DATA:** Section 313 supplier notification: This product contains the following chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40CFR 372: None. This product contains the following chemical(s) which are known to the state of California to cause cancer or to cause birth defects or other reproductive harm: None.
- TOXICITY INFO:** No ingredients in this product are listed by OSHA, IARC or NTP as a carcinogen, teratogen, mutagen, or as having toxic reproductive effects. See Section II for exposure limits. See Section VIII for safe handling and use information.

SECTION VI - REACTIVITY DATA

- STABILITY:** Stable
- HAZARDOUS DECOMPOSITION PRODUCTS:** None under normal use and storage conditions.
- HAZARDOUS POLYMERIZATION:** None under normal use and storage conditions.
- INCOMPATIBILITY (MATERIALS TO AVOID):** None in particular
- REACTIVITY WITH WATER:** Will Not Occur

SECTION VII - SPILL OR LEAK PROCEDURES

- IN CASE MATERIAL IS RELEASED OR SPILLED:** Ventilate area and eliminate all ignition sources. Dike or contain spill and absorb with inert absorbent. Prevent spilled material from entering sewers, drains or bodies of water.
- WASTE DISPOSAL:** Observe all federal, state and local regulations when disposing of this substance.
- SHIPPING INFORMATION:** DOT- regulated material. DOT classification: Paint, 3, UN1263, PG II.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

- RESPIRATORY PROTECTION:** In areas where TLV is exceeded, use a NIOSH-approved, properly fitted, air-purifying respirator with organic vapor cartridges. In emergency conditions or IDLH (Immediately Dangerous to Life or Health) atmospheres, use a NIOSH-approved, positive pressure, self-contained breathing apparatus or full facepiece airline respirator.
- VENTILATION:** Use with adequate general and/or local ventilation to maintain exposure level below TLV. Intentional misuse by concentrating and inhaling the contents can be harmful or fatal. Delayed effects from long-term exposure: Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage.

Material Safety Data Sheet

24-Hour Emergency Telephone Number
1-800-424-9300 (Chemtree)



MSDS #: 74500

- PROTECTIVE GLOVES:** Wear chemical-resistant gloves such as nitrile rubber.
- EYE PROTECTION:** Use chemical splash goggles or OSHA-permitted safety glasses. Have an eyewash station available.
- OTHER PROTECTIVE EQUIPMENT:** Wear impervious clothing to avoid repeated or prolonged skin contact.
- HYGIENIC PRACTICES:** Wash hands with soap and water before eating or using rest rooms. Remove and wash contaminated clothing before re-use.

SECTION IX - MISCELLANEOUS

Do not transfer contents to bottles or other unlabeled containers. Keep in a tightly closed container, in a cool, dry, ventilated area between 0C (32F) and 30C (86F). Close container after each use. Do not smoke. Use sparkless tools. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Keep away from heat, sparks and flame.

*****KEEP OUT OF THE REACH OF CHILDREN*****

KEY CODE

HMIS = Hazardous Materials Information System

- 0 = Minimal Hazard
- 1 = Slight Hazard
- 2 = Moderate Hazard
- 3 = Serious Hazard
- 4 = Severe Hazard

N/A = Not Applicable

N/E = Not Established

ACGIH = American Conference of Governmental Industrial Hygienists

OEL= Occupational Exposure Limits

PEL = Permissible Exposure Limit = exposure limit to an airborne contaminant in a workday set by OSHA

TLV = Threshold Limit Value = Time-weighted average concentration for a normal 8-hour workday without adverse effect.

IARC = International Agency for Research on Cancer

NTP = National Toxicology Program

OSHA = Occupational Safety and Health Administration

For additional health and safety information, call the BonaKemi Compliance Department at (303) 371-1411.

The identities of ingredients are withheld as proprietary information. The information on this data sheet represents our best opinion as to the proper use and handling of this product under normal conditions, based upon information compiled from sources considered to be dependable. It is accurate and reliable to the best of our knowledge and belief, but is not guaranteed to be so. It is the user's responsibility to determine the suitability of this product for a specific purpose and to adopt such safety precautions as may be necessary. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.

BEFORE USING ANY PRODUCT, READ THE LABEL.