

Material Safety Data Sheet



MSDS #: 80320

SECTION I - PREPARATION INFORMATION

MSDS #: 80320 **PREPARED BY:** Compliance Department
DATE OF PREPARATION: 08/07/2014 BonaKemi USA, Inc.
LAST REVISION DATE: 08/29/2011 2550 S. Parker Rd., Suite 600
EMERGENCY CONTACT: 24-Hour Emergency Telephone Number Aurora, Colorado 80014
International: 1-703-527-3887 (Chemtrec) (303) 371-1411

SECTION II - PRODUCT IDENTIFICATION

PRODUCT NAME: BONA TRAFFIC® UNIVERSAL HARDENER

PRODUCT DESCRIPTION: WOOD FLOOR FINISH HARDENER

SECTION III - HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	% WEIGHT	TWA	LD-50(oral-rat)	LC-50(hr, rat)
ALIPHATIC POLYISOCYANATE	---	50-75%	N/E		
DIPROPYLENE GLYCOL DIMETHYL ETHER	111109-77-4	25-50%	N/E	3300 mg/kg	N/A
HEXAMETHYLENE-1,3-DIISOCYANATE	822-06-0	<0.15%	0.005 PPM		

SECTION IV - PHYSICAL DATA

BOILING RANGE: >212F (100C) **EVAPORATION RATE:** Slower than n-butyl acetate

% VOLATILE - WT: 35 **DENSITY:** 8.78 LBS/GAL (1.06KG/L)

VAPOR DENSITY: Heavier than air **SOLUBILITY IN WATER:** Not soluble

pH: N/A

PRODUCT CHARACTERISTICS: Colorless, slightly viscous liquid with solvent odor

SECTION V - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: OSHA - Combustible Liquid Class IIIA

FLASH POINT: 148F (64C) PMCC

% OF VOL. OF FLAMMABLE LIMITS (Upper): N/A **(Lower):** N/A

EXTINGUISHING MEDIA: Water Spray, Foam, Carbon Dioxide, Dry Chemical

UNUSUAL FIRE EXPLOSION HAZARDS: Closed containers may explode (due to the build up of steam pressure) when exposed to extreme heat.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool containers to prevent pressure build-up. 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.

SECTION VI - HEALTH HAZARD DATA AND FIRST AID PROCEDURES

EYE CONTACT: May cause irritation, redness and tearing. In case of contact, flush immediately with large amounts of water and obtain medical attention

SKIN CONTACT: Prolonged or repeated contact may cause drying and/or sensitization of the skin. In case of contact, remove contaminated clothing. Wash area with soap and water. Seek medical attention if irritation, rash or other symptoms persist.

INHALATION: Excessive inhalation of vapors may cause dizziness and possible headache. If affected by inhalation, remove to fresh air.

INGESTION: May cause gastrointestinal irritation and nausea. If swallowed, drink 1 or 2 glasses of water to dilute. Get medical attention.

PRIMARY ROUTES OF ENTRY: Inhalation and Dermal

SECTION VII- TOXICOLOGICAL PROPERTIES

TOXICITY DATA: No ingredients in this product are listed by OSHA, IARC or NTP as a carcinogen, teratogen, mutagen, or as having toxic reproductive effects. This preparation may cause acute irritation and/or sensitization of the respiratory system. Sensitized persons may subsequently show asthmatic symptoms when exposed to atmospheric concentrations well below the OEL. See Section II for

SECTION VIII - REACTIVITY DATA

STABILITY: Stable

HAZARDOUS DECOMPOSITION PRODUCTS: Usual products of combustion, e.g. Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides

HAZARDOUS POLYMERIZATION: Will Not Occur

INCOMPATIBILITY (MATERIALS TO AVOID): Strong Oxidizers

REACTIVITY WITH WATER: Will react with water but not violentl

SECTION IX - PREVENTIVE MEASURES

WHMIS CLASSIFICATION: B, D-2

RESPIRATORY PROTECTION: PRODUCT NOT INTENDED FOR SPRAY APPLICATIONS. In areas where TLV is exceeded, use a NIOSH-approved, properly fitted, air-purifying respirator with organic vapor cartridges.

VENTILATION: Use with adequate general and/or local ventilation to maintain exposure level below TLV.

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.

IN CASE MATERIAL IS RELEASED OR SPILLED: Ventilate area. Remove with inert absorbent.

WASTE DISPOSAL: Dispose of contaminated absorbent, container and unused contents in accordance with local, state/provincial and federal regulations. Empty container precautions: Empty containers must be handled with care due to product residue. Decontaminate containers prior to disposal by adding water to the one-quart line. Recap. Shake vigorously. Dispose of.

SHIPPING INFORMATION: Not regulated as a DOT hazardous material.

SECTION X - MISCELLANEOUS

Do not transfer contents to bottles or other unlabeled containers. Do not store in high temperature (above 100F or 38C) environment. Keep from freezing.

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

KEY CODE

N/A = Not Applicable

N/E = Not Established

ACGIH = American Conference of Governmental Industrial Hygienists

OEL= Occupational Exposure Limits

PEL = Permissible Exposure Limit

TWA=Time Waited Average

IARC = International Agency for Research on Cancer

NTP = National Toxicology Program

OSHA = Occupational Safety and Health Administration

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.