

Material Safety Data Sheet



MSDS #: 10012

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

MSDS #: 10012
DATE OF PREPARATION: 4/30/2001
LAST REVISION DATE: 4/10/2000

HMIS Ratings: HEALTH: 0
FLAMMABILITY: 0
REACTIVITY: 0
PROTECTION: -

SECTION I: PRODUCT IDENTIFICATION

PRODUCT NAME: BONA® SWEDISH FORMULA® HARDWOOD FLOOR REFRESHER
PRODUCT DESCRIPTION: WATERBORNE URETHANE WOOD FLOOR MAINTENANCE PRODUCT

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	% WEIGHT	Occupational Exposure Limits		VAPOR PRESSURE- mm Hg
			ACGIH-TLV	OSHA-PEL	
DIPROPYLENE GLYCOL MONOMETHYL ETHER	34590-94-8	<2%	100 PPM	100 PPM	0.55 @ 25C
DIPROPYLENE GLYCOL N-BUTYL ETHER	29911-28-2	<2%	N/E	N/E	0.06 @ 20C
N-METHYL-2-PYRROLIDONE	872-50-4	<2%	N/E	N/E	1.00 @ 25C

SECTION III: PHYSICAL DATA

BOILING RANGE: >212F (100C) EVAPORATION RATE: Slower than n-Butyl Acetate
% VOLATILE - WT: 90 DENSITY: 8.39 LBS/GAL (1.01KG/L)
VAPOR DENSITY: Heavier than air SOLUBILITY IN WATER: Miscible
PRODUCT CHARACTERISTICS: White, milky liquid with sweet acrylic odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: Non-Flammable
FLASH POINT: Over 200F (93C) PMCC
% OF VOL. OF FLAMMABLE LIMITS (Upper): N/A (Lower): N/A
EXTINGUISHING MEDIA: 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 closed containers to prevent pressure build-up.

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SECTION V. HEALTH HAZARD DATA AND FIRST AID PROCEDURES

EYE CONTACT: Non-toxic

SKIN CONTACT: Non-toxic

INHALATION: Non-toxic

INGESTION: May cause gastrointestinal irritation. If swallowed, drink 1 or 2 glasses of water to dilute.

PRIMARY ROUTES OF ENTRY: Ingestion and Dermal

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. Not an eye irritant or dermal irritant; non-toxic by oral ingestion and inhalation under FHSA/CPSC guidelines.

SECTION VI. REACTIVITY DATA

STABILITY: Stable

REACTIVITY WITH WATER: Will Not Occur

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will Not Occur

INCOMPATIBILITY (MATERIALS TO AVOID): None Known

SECTION VII. SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED OR SPILLED: No special procedures required.

WASTE DISPOSAL: Contaminated absorbent should be disposed of in accordance with local, state and federal regulations.

SHIPPING INFORMATION: Not regulated as a DOT hazardous material

SECTION VIII. SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Not required.

VENTILATION: Use adequate mechanical (general and/or local) ventilation to maintain exposure below TLV.

PROTECTIVE GLOVES: Not necessary.

EYE PROTECTION: Not necessary.

OTHER PROTECTIVE EQUIPMENT: Not necessary.

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HYGIENIC PRACTICES: Wash hands with soap and water before eating or using rest rooms.

SECTION IX: 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

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.