

MATERIAL SAFETY DATA SHEET

DATE PREPARED: 11-11-1991

Date Updated: 11-21-1996

HMIS Designation Key: N.A.

HMIS Rating: Health 1 - Flammability 0 - Reactivity 0 - Personal Protection B

SECTION 1

PRODUCT IDENTITY

PRODUCT NAME: BEYOND-2002® Low Foam Industrial Cleaner
MANUFACTURER'S NAME: TODAY & BEYOND
COMPANY ADDRESS: P.O. BOX 690 - ASHLAND, OHIO 44805
CO. PHONE NO: (419) 945-2628

SECTION 2

HAZARDOUS INGREDIENTS - HAZARD DATA

CHEMICAL NAMES	CAS REGISTRY NO:	% WT	TWA	STEL	SOURCE	CARCINOGEN?
NONE			(ppm)	(ppm)		NO

SECTION 3

PHYSICAL DATA

BOILING POINT @ 760 mm Hg, °F: Approx. 220
FREEZING POINT, °F: 32
pH: 10% SOLUTION: 11.8 to 12.8
PERCENT VOLATILE BY WT. (%): 89
SPECIFIC GRAVITY or BULK DENSITY: 1.07
SOLUBILITY IN WATER: 100
APPEARANCE & ODOR: Blue Liquid-Mild Odor
VAPOR PRESSURE mm Hg @ 20 °C.: Less than 20
VAPOR DENSITY (Air = 1): Not determined.
EVAPORATION RATE (BuAc=1): Less than 1

SECTION 4

FIRE & EXPLOSION HAZARD DATA

FLASH POINT °F (TEST METHOD C.O.C.): Not flammable.
AUTOIGNITION TEMPERATURE: N/A
FLAMMABILITY LIMITS IN AIR (% V): N/A
EXTINGUISHING MEDIA: No restrictions known, use media appropriate for surrounding materials.
SPECIAL FIRE FIGHTING PROCEDURES: Recommend that self-contained breathing apparatus and protective clothing be worn in areas where this product is involved in a fire. Use water spray to keep containers cool and to knock down fumes.
UNUSUAL FIRE & EXPLOSION HAZARDS: May release oxides of carbon when heated to extreme temperatures.

SECTION 5

HEALTH HAZARD DATA - EFFECTS OF OVEREXPOSURE

SKIN CONTACT: May cause irritation to skin.
EYE CONTACT: Will cause irritation or burns.
INHALATION: May cause respiratory tract irritation.
INGESTION: May cause gastrointestinal tract irritation.
ACUTE EFFECTS OF OVEREXPOSURE: Irritation or burns to tissues contacted.
CHRONIC EFFECTS OF OVEREXPOSURE: None known.

SECTION 6

EMERGENCY & FIRST AID PROCEDURES

SKIN: Promptly wash with plenty of soap and water. Wash clothing before reuse.
EYES: Immediately flush with plenty of water for at least 15 minutes while holding eyelids apart. Get medical attention.

SECTION 6/Cont. EMERGENCY & FIRST AID PROCEDURES

INHALATION: Remove to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Get medical attention if any symptoms persists.
INGESTION: If conscious, immediately give 2 to 4 glasses of water or milk. Get medical attention at once.

SECTION 7 REACTIVITY DATA

PRODUCT STABILITY: Product is stable under normal usage. Strength will decline with age.
CONDITIONS TO AVOID: High temperatures.
CHEMICAL INCOMPATIBILITY: Acids & strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur oxides & oxides of carbon.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 8 SPILL OR LEAK PROCEDURES

SMALL SPILLS: Flush with plenty of water to sewers. Dike spill & neutralize to neutral pH. If local sewer regulations permits, flush neutralized waste to sewer. Otherwise absorb and place in closed containers for disposal. Neutralized waste may have to be disposed of by an approved contractor.

NEUTRALIZING MATERIALS: Dilute acids.

WASTE DISPOSAL METHODS: Follow all local, state, and federal regulations.

SECTION 9 SPECIAL PROTECTION INFORMATION

VENTILATION: Local ventilation sufficient to maintain the TLV listed in section 2.
RESPIRATORY PROTECTION: Use a NIOSH approved respirator for mists if conditions warrant.
EYE PROTECTION: Chemical splash goggles.
OTHER PROTECTIVE EQUIPMENT: Wear full work clothing. Rubber apron will provide additional protection.

SECTION 10 SECTION 313 SUPPLIER NOTIFICATION

Chemical Ingredient: Diethylene Glycol Mono Butyl Ether CAS# 112-34-5 % : 9

SECTION 11 SHIPPING DATA

D.O.T. PROPER SHIPPING NAME: Not hazardous. **D. O. T. HAZARD CLASS:** N. A.
D.O.T. LABELS REQUIRED : N.A. **UN/NA CODE:** N. A.
REPORTABLE QUANTITY AMOUNT : N.A.

SECTION 12 ADDITIONAL PRECAUTIONS

HANDLING & STORAGE PRECAUTIONS: Do not get in eyes, on skin, or breathe vapors. Do not take internally. Keep containers closed when not in use. Store in cool area from heat sources. Not for food or drug use.

OTHER PRECAUTIONS: None

SECTION 13 DISCLAIMER

IMPORTANT NOTICE: The information contained herein is based upon data available to us and is believed to be correct. However, TODAY & BEYOND makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. TODAY & BEYOND assumes no responsibility for injury from the use of the product described herein.