

# MATERIAL SAFETY DATA SHEET

## SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: AMR 100 LOW ODOR MASTIC REMOVER

SYNONYMS: EMULSIFIED ORGANIC HYDROCARBON

EMERGENCY MEDICAL AND SPILL NUMBER: 1-866-359-5661

MANUFACTURED FOR: Abatix Environmental Corp. 8311 Eastpoint Drive #400 Dallas, TX 75227 (214) 381-1146

## SECTION 2 COMPONENT & EXPOSURE DATA

COMPONENT	CAS#	PEL	TLV
Petroleum distillates	64742-47-8	100 PPM, 525 mg/m3	for 8 hour TWA
2-butoxy ethanol	111-76-	225 PPM (SKIN)	25 PPM (SKIN)

**SUBJECT TO THE REPORTING REQUIREMENTS OF SARA 313 AND 40 CFR 372:**

2-butoxy ethanol	111-76-2	(1-4% by weight)
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## SECTION 3 PHYSICAL DATA

BOILING POINT (°F): ----- 360 - 500° F. ODOR: ----- Mild/characteristic.

SPECIFIC GRAVITY (H<sub>2</sub>O=1): ----- ~.804 @ 60° F. PERCENT VOLATILE: ----- 100%

VAPOR PRESSURE: ----- 0.13 mmHg @ 68F APPEARANCE: ----- Aqua.

VAPOR DENSITY: ----- N/A Heavier than air.

## SECTION 4 FIRE AND EXPLOSION HAZARD

FLASH POINT (TEST METHOD): Minimum 141°F.

FLAMMABLE LIMITS IN AIR. % BY VOL. LOWER: 1.2 UPPER: 6.0

EXTINGUISHING MEDIA: Small fires-Extinguish with dry chemical, CO<sub>2</sub> or foam. Large fires-The use of dry chemical or foam is recommended.

FIRE AND EXPLOSION HAZARD: This material is combustible and may be ignited by heat or flame. This material will burn, but will not ignite readily.

FIRE FIGHTING PROCEDURES: The use of a SCBA is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

## SECTION 5 HEALTH HAZARDS

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: If this product comes in contact with eyes, gently flush with large quantities of water for at least 15 minutes. If irritation persists, seek immediate medical attention.

SKIN CONTACT: Remove contaminated clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

INHALATION: If breathing difficulties, dizziness, or light-headedness occur when working in areas with high vapor concentration, victim should seek air free of vapors. If breathing stops, begin artificial respiration and seek immediate medical attention.

INGESTION (SWALLOWING): If this product is swallowed, DO NOT induce vomiting unless directed by a physician. Seek immediate medical advice and/or attention.

## ROUTES OF ENTRY

EYE CONTACT: This product may cause irritation. Direct contact with the liquid or exposure to its vapors or mists may cause burning, tearing or redness.

SKIN CONTACT: This product may cause skin irritation. Prolonged or repeated exposure to this material may cause redness, burning, drying or cracking of the skin or dermatitis. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

INHALATION: Inhalation of excessive concentration of vapors or mists may cause irritation of the nose and throat and signs of nervous system depression (e.g. drowsiness, dizziness, loss of coordination and fatigue). Persons with impaired lung function or asthma-like conditions may experience additional breathing difficulties due to the irritant properties of the material.

INGESTION (SWALLOWING): Ingestion of excessive quantities may cause irritation of the digestive tract and signs of nervous system depression (e.g. drowsiness, dizziness, loss of coordination and fatigue). Acute exposure to these compounds results in narcosis, pulmonary edema, and severe kidney and liver damage.

ASPIRATION HAZARD: This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

COMMENTS: THIS SUBSTANCE HAS NOT BEEN IDENTIFIED AS A CARCINOGEN OR PROBABLE CARCINOGEN BY NTP, IARC, OR OSHA.

## SECTION 6 REACTIVITY DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY: May react with strong oxidizing agents.

CONDITIONS TO AVOID: High temperatures.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.

## SECTION 7 SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Shut off and eliminate all ignition sources. Stay upwind and away from spill. If spill is indoors, ventilate area of spill. Foam, especially high expansion foam, may be used to suppress vapors. Absorb spill with inert material, then place in chemical waste container. Keep contained and dispose of in accordance with local, county, state, and federal regulations.

## SECTION 8 EXPOSURE CONTROLS / SPECIAL PROTECTION

VENTILATION: Air contaminant levels should be controlled below the PEL or TLV for this product. If current ventilation practices are not adequate for minimizing exposures, additional ventilation or exhaust systems may be required. Where explosive mixtures may be present, systems safe for such locations should be used.

RESPIRATORY INFORMATION: NIOSH-approved organic vapor air purifying respirators, self-contained breathing apparatus, or air-supplied respirators may be necessary to minimize exposure to organic vapors or gases, depending on the nature and concentration of the airborne material

SKIN: Chemical gloves should be worn to prevent repeated contact. Use full protective clothing and chemical boots to protect from exposure to liquid.

EYE PROTECTION: Approved safety glasses, goggles or face shields are recommended to safeguard against eye contact, irritation, or injury.

OTHER PROTECTIVE EQUIPMENT: It suggested that a source of clean water be available in the work area for flushing eyes and skin.

## SECTION 9 STORAGE & HANDLING INFORMATION

HANDLING & STORAGE: Keep containers tightly closed. Keep containers cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks or other sources if ignition. "Empty" drums should be completely drained, properly bunged and promptly shipped to a qualified drum reconditioner.

## SECTION 10 OTHER INFORMATION

OSHA hazard communication standard classification: Combustible liquid

HAZARD RATINGS	HMIS	NFPA	HAZARD CODES:	
Health	1	1	0=least	3=high
Flammability	2	2	1=slight	4=extreme
Reactivity	0	0	2=moderate	

## SECTION 11 DOCUMENTARY INFORMATION

DISCLAIMER OF EXPRESSED OR IMPLIED WARRANTIES

The data and information contained herein are being furnished for informational purposes only, upon the express condition that each customer shall make its own assessment of appropriate use and appropriate shipping, transfer and storage materials and procedures for this product. Although based on information sources that are considered accurate and reliable, no warranty is made, either expressed or implied, including any warranties of merchantability or fitness for a particular purpose, regarding the validity of this information, the information sources upon which the same are based, or the results to be obtained, and expressly disclaims liabilities for damages or injuries resulting from the use thereof.