



WBVA/CR-4 WATERBASE CROSSLINKER (DISCONTINUED)

Written by Super User. Posted in [MSDS SHEETS](#)

SECTION I - PRODUCT IDENTIFICATION

Product Name: **WBVA/CR-4 WATERBASE CROSSLINKER (DISCONTINUED)**

Revision: 03/01/00

SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

INGREDIENT CHEMICAL NAME	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	CAS NUMBER
Polyfunctional aziridine	N/A	N/A	N/A	064365- 57-3

SECTION III - PHYSICAL DATA / CONTENTS WITHOUT PROPELLENT

BOILING POINT: No data	SPECIFIC GRAVITY (H2O=1): 1.07%
VAPOR PRESSURE (mm Hg): No data	MELTING POINT: No data
VAPOR DENSITY (AIR = 1): >1.0	EVAPORATION RATE (Butyl Acetate = 1): N/A
SOLUBILITY IN WATER: Dispersible	APPEARANCE AND ODOR: Pale Yellow; Mild Amine

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED):	>200°F
FLAMMABLE LIMITS	N/A
EXTINGUISHING MEDIA:	WATER FOG x STANDARD FOAM x CO ₂ x DRY CHEMICAL x HALON x

UNUSUAL FIRE AND EXPLOSION HAZARDS: Heat/impurities may increase temperature/build pressure/rupture closed container, spreading fire, increasing risk of burns/injuries.

SPECIAL PRECAUTIONARY STATEMENTS: Wear self-contained breathing apparatus. Wear full protective equipment.

SECTION V: REACTIVITY DATA

STABILITY: x Stable Unstable

Incompatibility : Acidic materials, anhydrides and strong oxidizers.

Hazardous Decomposition: Oxides of carbon and of nitrogen.

HAZARDOUS POLYMERIZATION: xMay Occur Will not occur

Conditions to Avoid: Contamination with acidic materials, heat, direct sunlight, ultraviolet radiation, strong oxidizing conditions and freezing conditions.

SECTION VI: HEALTH HAZARD DATA

ROUTES OF ENTRY & HEALTH HAZARDS (ACUTE AND CHRONIC)

INGESTION: In humans, irritation or chemical burns of the mouth, larynx, esophagus, and stomach can develop following ingestion of this material. Injury may be severe and cause death. The acute oral toxicity of this material is between 500 and 5000mg/kg. Relative to other materials, this material is classified as slightly toxic by ingestion.

EYES: This product contains a component which is eye corrosive based on animal studies.

INHALATION: Vapors and/or aerosols of this material will probably irritate mucous membranes, eyes, nose, and respiratory passages. This material may induce respiratory allergy/sensitization. Symptoms include: cough, tightness in chest, and or asthmatic wheezing.

SKIN: This product contains a component which is moderate skin irritant based on animal studies. This product is likely to induce skin sensitization in humans. A component is this product is a known animal skin sensitizer.

EMERGENCY AND FIRST AID PROCEDURES

- INGESTION:** DO NOT INDUCE VOMITING. Give one or two glasses of water to during and refer to medical personnel or take direction from either a physician or a poison control center. Never give anything by mouth to an unconscious person.
- EYES:** Immediately flush the eyes with large quantities of running water for a minimum of 15 minutes. Hold the eyelids apart during the flushing to ensure rinsing of the entire surface of the eye and lids with water. Do not attempt to neutralize with chemical agents. Obtain medical attention as soon as possible. Oils or ointments should not be used at this time. Continue the flushing for an additional 15 minutes if a physician is not immediately available.
- INHALATION:** Remove victim to fresh air. If not breathing, give artificial respiration, preferable mouth-to-mouth. If breathing is labored, give oxygen. Get medical attention.
- SKIN:** Wash off of skin with plenty of soap and water. If redness, itching or burning sensation develops, get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

- STEPS TO BE TAKEN IN CASE
LARGE AMOUNTS ARE
RELEASED:** Wear skin, eye, and respiratory protection during cleanup. Contain spill. Soak up material with absorbent and shovel into a chemical waste container. Decontaminate with 1% acetic acid solution or one part white vinegar to four parts water.
- WASTE DISPOSAL METHOD:** Discarded product is not a hazardous waste under RCRA, but may be regulated by other jurisdiction. Incinerate in approved facility. Do not incinerate in closed containers. Dilute with clean, low viscosity fuel. Untreated material should not be released to the environment.
- Empty container retains potentially hazardous residue. Observe all hazard precautions. May contain corrosive material. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue from container and puncture or otherwise destroy empty container before disposal.
- PRECAUTIONS TO BE TAKEN IN
HANDLING AND STORAGE:** Open containers of 100 in well-ventilated areas to avoid exposure to residual propyleneimine that may have collected the headspace. Avoid breathing vapors or aerosols. Prevent skin and eye contact. A sensitized individual should not be exposed to the product which caused the sensitization.
- Keep container tightly sealed. Store in a cool well ventilated area away from heat, sources of ignition direct sunlight, and acidic materials, anhydrides and strong oxidizers. Contamination with acidic materials,

heat, direct sunlight, ultraviolet radiation, strong oxidizing conditions and freezing condition.

OTHER PRECAUTIONS: N/A

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION: If needed, use NIOSH certified respirator for organic vapors mists and fumes. Any person who may be exposed to this material in the form of an aerosol or mist from spray operations shall, at a minimum, wear a National Institute for Occupational Safety and Health-approved, category 21c respirator, excluding single use or disposable types, in accordance with 30 CFR 11.130 Subpart K. The respirator shall be equipped with high efficiency particulate filters for maximum protection, unless an air-supplied respirator is selected. Use of this respirator shall be according to Occupational Safety and Health Administration and Mine Safety and Health Administration Regulations at 29 CFR 1910.134 and CFR 11, respectively. If a full-face type respirator is selected and worn, the chemical safety goggles requirements is waived during spray operations.

VENTILATION: N/A

LOCAL EXHAUST: N/A

PROTECTIVE GLOVES: Take all precautions to prevent skin contact. Use gloves, arm covers and apron determined to be impervious under the conditions of use. Additional protection, such as full body suit and boots, may be required depending on conditions. Remove contaminated clothing and wash before rewearing. Wash separately from other laundry

EYE PROTECTION: Chemical tight goggles and full face shield.

SECTION IX: SPECIAL PRECAUTIONS

HEALTH: 3	<u>HAZARD RATING KEY</u>
FLAMMABILITY: 1	0 = MINIMAL
REACTIVITY: 1	1 = SLIGHT

PERSONALPROTECTION:	2 = MODERATE
	3 = SERIOUS
	4 = SEVERE
	* = CHRONIC HEALTH EFFECTS

Disclaimer: The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.