

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

DME No. 44-AL387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME United Chemical & Supplies		EMERGENCY TELEPHONE NO. 800-359-4568
ADDRESS (Number, Street, City, State, and ZIP Code) 2021 Washington Kansas City, Mo 64108		
CHEMICAL NAME AND SYNONYMS N/A	TRADE NAME AND SYNONYMS Enzo-Bac	
CHEMICAL FAMILY Bacterial suspension	FORMULA Proprietary	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Unit)	ALLOYS AND METALLIC COATINGS	%	TLV (Unit)
PIGMENTS None			BASE METAL None		
CATALYST None			ALLOYS None		
VEHICLE Water			METALLIC COATINGS None		
SOLVENTS None			FILLER METAL PLUS COATING OR CORE FLUX None		
ADDITIVES None			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Unit)
None		

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	212°F	SPECIFIC GRAVITY (H ₂ O=1)	1.01
VAPOR PRESSURE (mm Hg)	Same as water	PERCENT VOLATILE BY VOLUME (%)	90%
VAPOR DENSITY (AIR=1)	Same as water	EVAPORATION RATE (— =1)	
SOLUBILITY IN WATER	99%		
APPEARANCE AND ODOR	Creamy white, floral		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	None determined	FLAMMABLE LIMITS	LEL	UEL
EXTINGUISHING MEDIA	Water & Foam			
SPECIAL FIRE FIGHTING PROCEDURES	No distinctive hazardous product are known to exist.			
nor are there special fire fighting requirements.				
UNUSUAL FIRE AND EXPLOSION HAZARDS				
None known				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

NOT DETERMINED

EFFECTS OF OVEREXPOSURE

Ingestion; No effect if ingested in small amounts. Eye contact

It may cause eye irritation. Skin contact; Slight redness on hands and forearms.

Inhalation; can cause allergic type of response in susceptible or hypersensitive individual.

EMERGENCY AND FIRST AID PROCEDURES: Skin; Remove contaminated clothing and footwear. Wash material off the skin with plenty of soap & water. Eye; Immediately flush with plenty

water for 15 min; and seek medical attention. Inhalation; Remove victim to fresh

air. Ingestion; Drink water or milk to dilute, call poison control center.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

None

INCOMPATIBILITY (Materials to avoid)

Strong acids or alkali compound may inactivate biological cultures.

HAZARDOUS DECOMPOSITION PRODUCTS

None

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

None

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wear approved respirator for

nuisance dust during cleanup. For small spills, flush to waste treatment sewer

(product is biodegradable). For large spills, contain and collect for reuse.

WASTE DISPOSAL METHOD

Disposal of this product or its residue must be in accordance

with all local, state, and federal requirements.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) None required for recommended use.

VENTILATION

LOCAL EXHAUST

OK

SPECIAL

None

MECHANICAL (General)

OK

OTHER

None

PROTECTIVE GLOVES

None is required

EYE PROTECTION

Chemical type face shield

OTHER PROTECTIVE EQUIPMENT

Eye wash station

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Prevent skin and eye contact. Avoid

creating aerosol. Wash hands thoroughly with soap and water after use.

OTHER PRECAUTIONS

No TLV assigned to this mixture. Control of exposure to below the

TLV for the ingredients will be sufficient. minimize exposure in accordance with Good hygiene practice. To maintain shelf life, avoid prolonged exposure to high

temperatures and humidity.

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