



MATERIAL SAFETY DATA SHEET

MSDS Name: This MSDS applies to Gerber BlueBond
Reference Number: P74433C
Version Number: 03
MSDS Date: 010500
Page Number: 1

SECTION I – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Gerber BlueBond
CAS Number: None
Hazard Rating: Health: 1 Fire: 1 Reactivity: 0

Company Identification: Gerber Innovations
83 Gerber Road West
South Windsor, CT 06074

Contact: Customer Service
Telephone/Fax: (877) 447-7637 (860) 648-8441

Product Class: Polymer Dispersed in Water
Product Code: 071

Division: Polymer Products

SECTION II – COMPOSITION, INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Percent
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This Product contains no hazardous ingredients or they are under trade secret.

OSHA PELs & ACGIH TLVs are listed in Section VIII where applicable. All components of this product are listed on the TSCA inventory except as exempted.

SECTION III – HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:
Non-Flammable. Slippery in wet state.

ROUTES OF ENTRY:
INHALATION: YES
INGESTION: YES
SKIN: NO
EYE: YES



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INHALATION:

Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

INGESTION:

No hazard expected in normal industrial use. Ingestion is not a likely route of exposure.

SKIN:

Prolonged or repeated skin contact can cause irritation.

EYE:

Substance may cause moderate eye irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

None identified.

CARCINOGENICITY:

The International Agency for Research on Cancer has determined that vinyl acetate to be carcinogenic in experimental animals at a relatively high dose, by route (s) of administration, at site (s), of histologic type (s), or by mechanism (s) that are not considered relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence suggests that the agent is not likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure. See Section II for vinyl acetate content.

TARGET ORGANS:

Target Organs: eyes, skin, and respiratory system.

SECTION IV – FIRST AID MEASURES

INHALATION:

Remove patient to fresh air, if discomfort persists seek medical attention.

INGESTION:

Call poison control center immediately. Follow their specific instructions. Do not induce vomiting.

SKIN:

Wash with soap and water. Contact a physician if irritation develops or persists.

EYE:

Hold eyelids apart and flush with plenty of water for at least 15 minutes. Seek medical attention.



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SECTION V – FIRE-FIGHTING MEASURES

Flammability Class (OSHA) III B
Flash Range: >200 F
Explosive Range: 0.0%

EXTINGUISHING MEDIA:

Use alcohol foam, carbon dioxide, water spray, or ABC dry chemical when fighting fires involving this product.

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon.

FIRE FIGHTING PROCEDURES:

Wear a NIOSH approved self-contained breathing apparatus.

SECTION VI – ACCIDENTAL RELEASE MEASURES

CONTAINMENT TECHNIQUES:

Use inert absorbent to dike the spill. Keep away from drains

CLEAN-UP:

If possible pump liquid into an approved container or spread absorbent over spill and shovel product/absorbent mixture into an approved container. If product has dried, scrape up and place in an approved container.

EMERGENCY MEASURES:

None required.

SECTION VII – HANDLING & STORAGE

HANDLING:

Empty drums should be completely drained, properly bunged and promptly returned to a reconditioner, or properly disposed of.
Use only in well ventilated area.



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Follow all MSDS/label precautions even after container is emptied.
Containers may retain product residues and vapors.
Avoid prolonged or repeated contact with the skin.
Avoid breathing vapors from heated materials.

STORAGE:

PRECAUTIONARY STATEMENT:
Keep out of reach of children.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
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ENGINEERING CONTROLS:

Use local exhaust as needed to maintain occupational exposure limits.
Maintain standard plant ventilation.

OTHER:

Facilities storing or utilizing any chemical should be equipped with an eyewash facility and a safety shower.

RESPIRATORY PROTECTION:

Where exposure limits are exceeded select a NIOSH approved respirator with appropriate Protection Factor and cartridge for the specific containments. Follow requirements for respiratory protection in OSHA 1910.134.

EYE PROTECTION:

Wear safety glasses if splashing or misting of product may occur.

SKIN PROTECTION:

Where skin contact can occur, wear Impervious gloves.

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SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Form:	LIQUID
Appearance/Color:	LIGHT BLUE
Odor:	CITRUS
Solubility (in water):	DISPERSIBLE
Ph Value:	4.5
Boiling Range:	210.°F – 212.°F
Evaporation Rate:	Faster than n-Butyl Acetate
% Volatile	43%
Specific Gravity:	1.08

SECTION X - STABILITY & REACTIVITY

STABILITY: This product is stable

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur

CONDITIONS TO AVOID: None

INCOMPATIBILITY: Strong acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and monomer may be released during combustion.

SECTION XI – TOXICOLOGICAL INFORMATION

Chronic Toxicity – This formulation has not been tested for long term chronic toxicity. Vinyl acetate, present at trace levels (.05%), has been shown to cause tumors in experimental animals. Two year animal studies (inhalation) at 50, 200, 600 ppm of vinyl acetate monomer have shown that some animals in the 600 ppm group developed tumors. There is no evidence of human carcinogenicity.

SECTION XII – ECOLOGICAL INFORMATION

This formulation has not been tested for environmental effects.



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SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Disposal of this product must comply with all applicable federal, state and local regulations.

CONTAINER DISPOSAL: Disposal of this container must comply with all applicable federal, state and local regulations.

SECTION XIV – TRANSPORT INFORMATION

UN Number	NOI
UN Pack Number	N/A
UN Class	N/A
ICAO/IATA Class	NON HAZARDOUS (*SEE NOTE)

SECTION XV – REGULATORY INFORMATION

-Prop 65 (CARCINOGEN)

Warning: This product contains a chemical known to the state of California to cause cancer.

PENNSYLVANIA:

All hazardous substances that comprise 1% or more of this mixture and special hazardous substances that comprise .01% or more are listed in Section II above. Non-hazardous components that comprise 3% or more are trade secrets, except water (7732-18-5).

CALIFORNIA PROPOSITION 65:

This product contains trace amounts of acetaldehyde and formaldehyde, which is known to the state of California to cause cancer.

SECTION XVI – OTHER INFORMATION

DISCLAIMER:

While the information and recommendations set forth herein are believed to be accurate as of the data hereof, Gerber Innovations makes no warranty, express or implied, with respect thereto and disclaims all liability from reliance thereon.