

SAFETY DATA SHEET

Date Issued : 02/14/2019
SDS No. : Bio-Dex Liquid Stabilizer Conditioner

Bio-Dex Liquid Stabilizer Conditioner

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Bio-Dex Liquid Stabilizer Conditioner
GENERAL USE: Swimming pool conditioner.
PRODUCT DESCRIPTION: 1344N736
ACTIVE INGREDIENT(S): Cyanuric Acid

DISTRIBUTOR

Bio-Dex Laboratories, LLC.
4212 W. Innovative Drive
Phoenix, AZ 85086
Product Stewardship: 800-617-3477
Web: www.bio-dex.com

2. HAZARDS IDENTIFICATION

GHS LABEL

GHS-US Classification - Not Classified

PRECAUTIONARY STATEMENT(S)

General:

8219D4CW: This product is not classified as hazardous according to the Globally Harmonized System.

POTENTIAL HEALTH EFFECTS

EYES: May cause mild eye irritation.

SKIN: May cause mild skin irritation.

INGESTION: No known effects.

INHALATION: No known effects.

CARCINOGENICITY: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

COMMENTS: Even though this material is not classified as hazardous according to US OSHA's 2012 Hazard Communication Standard, good hygiene and safety practices should be followed. Good hygiene practices include but are not limited to: wearing suitable gloves and or eye protection; washing hands and affected skin immediately after handling, before breaks, and at the end of the workday; regularly cleaning work area and clothing; etc.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Vol. %	CAS
Cyanuric Acid	25.35	108-80-5
Other non-hazardous ingredients	74.65	

4. FIRST AID MEASURES

EYES: Hold eyelids apart and flush with water for at least 15 minutes. Get medical attention.

SKIN: Wash with plenty of water.

INGESTION: No effect expected. IF LARGE AMOUNTS ARE INGESTED, GET MEDICAL ATTENTION.

INHALATION: Immediate first aid is not likely to be required. However, if symptoms occur, remove to fresh air.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Negligible fire hazard.

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides, nitrogen oxides, cyanic acid and cyanide gas.

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FIRE FIGHTING PROCEDURES: Water may be used to keep fire-exposed container cool.

FIRE FIGHTING EQUIPMENT: Firefighters should wear full fire-fighting turn-out gear (full bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Scoop up or mop up spilled liquid and place in appropriate container for disposal. Keep out of water supplies, storm drains and sewers.

7. HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use only in a well-ventilated area. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

STORAGE: Store and handle in accordance with all current regulations and standards. Store in a cool dry place. Store in a well ventilated area. Keep separated from incompatible substances.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m ³
	Supplier OEL	TWA		
Cyanuric Acid			10 mg/m ³ [1]	[1]
Footnotes:				
1. (Total Particulate)				

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear chemical resistant safety goggles, if eye contact is likely. An emergency eye wash fountain may be provided.

SKIN: Wear suitable gloves (butyl rubber, natural rubber, neoprene, nitrile, PVC).

RESPIRATORY: No respirator is required under normal conditions of use.

PROTECTIVE CLOTHING: Wear appropriate clothing. Contaminated clothing should be removed and laundered before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: None.

APPEARANCE: White solid

pH: 4.8

PERCENT VOLATILE: Not Available

FLASHPOINT AND METHOD: Not Available

FLAMMABLE LIMITS: None of the ingredients are listed as carcinogens.

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: Not Available

MELTING POINT: Not Available

SOLUBILITY IN WATER: Soluble in water.

EVAPORATION RATE: Not Available

VISCOSITY: Not Available

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10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid incompatibles.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition products or combustion: cyanic acid, ammonia, oxides of carbon, oxides of nitrogen.

INCOMPATIBLE MATERIALS: Incompatible with acids and oxidizing materials.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD₅₀: > 5000 mg/kg - Rabbit

Notes: As to component - cyanuric acid

ORAL LD₅₀: 3400 mg/kg (mice)

Notes: As to component - cyanuric acid

INHALATION LC₅₀: > 5.25 mg/L (4 hour - rat)

Notes: As to component - cyanuric acid

CARCINOGENICITY

NOTES: Not classified as a carcinogen by NTP, IARC or OSHA.

REPRODUCTIVE TOXICITY: Not known or reported to cause reproductive or developmental toxicity.

COMMENTS: None available.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Persistence: This material is believed not to persist in the environment. Cyanuric acid has an estimated Henry's Law Constant of 1.36×10^{-18} atm cu m/mol.

ECOTOXICOLOGICAL INFORMATION: Cyanuric acid is toxic to certain plants including barley and radishes.

AQUATIC TOXICITY (ACUTE): Acute Toxicological testing pertains to full strength cyanuric acid.

96-HOUR LC₅₀: > 1000 mg/L (Bluegill Sunfish)

96-HOUR EC₅₀: 655-71 mg/L (Algae)

Notes: This material is believed to be non-toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with all applicable regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: Not listed.

313 REPORTABLE INGREDIENTS: Not regulated.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not listed.

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REGULATIONS

STATE REGULATIONS: New Jersey Worker and Community Right to Know: Reporting Requirement - Sodium Cyanurate 2624-17-1 45% (Not listed on the Right To Know Hazardous Substance and Special Health Substances Lists.)

Pennsylvania Right to Know: Reporting Requirement - Sodium Cyanurate 2624-17-1 45% (Not listed on Hazardous Substance and Environmental Hazardous Substance Lists.)

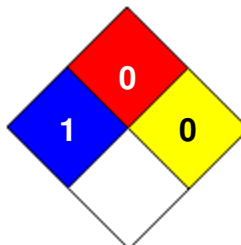
CALIFORNIA PROPOSITION 65: There are no chemicals present known to the State of California to cause cancer.

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): Not regulated.

16. OTHER INFORMATION

Date Prepared: 02/14/2019

NFPA CODES



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