

B.I.O BLAST 100S

MSDS ID: 113434803

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: B.I.O BLAST 100S

Product Descriptor: ANTIMICROBIAL AGENT FOR INDUSTRIAL USE

MANUFACTURER: JOHNSON DIVERSEY, INC.

EMERGENCY PHONE NUMBER: (800) 851-7145

3630 E. KEMPER ROAD

CINCINNATI, OH. 45241

II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
TETRAHYDRO -3,5-DIMETHYL-2H-1, 3,5-THIADIAZINE-2-THIONE	533-74-4	>30%	None established	

III. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:**

Warning. May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Avoid breathing dust and contact with skin, eyes, or clothing. Wash thoroughly after handling and before eating drinking or using tobacco. Remove contaminated clothing and wash before reusing.

POSSIBLE ROUTES OF ENTRY: Eye contact. Skin contact. Inhalation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: May be mildly irritating to eyes. SKIN: May be mildly irritating to skin. INGESTION: Harmful or fatal if swallowed. INHALATION: May be irritating to nose, throat and respiratory tract.

CHRONIC: May cause irritant or allergic dermatitis in a sensitive individual. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

TARGET ORGAN(S) OF CHEMICAL HAZARD(S): Eyes, skin and GI tract.

IV. FIRST AID MEASURES

EYES: Hold eyes open and rinse slowly and gently with water for at least 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment.

INGESTION: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth

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to mouth, if possible. Call a poison control center or doctor for further treatment.-

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): 280

FLAME EXTENSION: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME:

LEL: N/E

UEL: N/E

UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Toxic fumes or vapor may form during fire. Accumulation of dust may cause an explosion hazard.

EXTINGUISHING MEDIA: Water, foam, dry powder.

FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus SCBA) in fire area.

SPECIAL INSTRUCTIONS: Spilled product may cause slippery surface and fall hazard.

VI. ACCIDENTAL RELEASE MEASURES**IF MATERIAL IS RELEASED OR SPILLED:**

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office of Guidance.

This product does not contain a reportable quantity (RQ) under CERCLA.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: Avoid contact with eyes, skin and clothing. Do not taste or swallow. Remove and wash contaminated clothing and footwear before reuse. Wash thoroughly after handling. FOR COMMERCIAL & INDUSTRIAL USE ONLY Protect from freezing. Store in a dry, cool and well-ventilated place with adequate ventilation. KEEP OUT OF REACH OF CHILDREN; Do not contaminate water, food, or feed. Keep away from heat.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Safety glasses with side shields.

PROTECTIVE GLOVES: No special requirements under normal use conditions.

RESPIRATORY PROTECTION: No special requirements under normal use conditions.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: No special protective clothing is required.

ENGINEERING CONTROLS:

VENTILATION: No special ventilation requirements. General room ventilation is adequate.

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IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: White granular powder, mild sulfide odor.

BOILING POINT (DEG F): N/A

FREEZING POINT: N/A

SPECIFIC GRAVITY/BULK DENSITY: 0.74

pH: N/A

pH 1% SOLUTION: N/D

VOLATILE BY VOLUME: 0

SOLUBILITY IN WATER: Partially Soluble

VAPOR PRESSURE(mmHg): N/A at N/A

VAPOR DENSITY: N/A

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Acids; Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms; oxides of sulfur; oxides of nitrogen; oxides of carbon

HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING: Available toxicology test data for the product as listed below.

TOXICITY TEST DATA:

B.I.O. BLAST 100S:

Acute Oral LD50

(rat)

519 mg/kg

Eye Irritancy

(rabbit)

Non-irritating

Skin Irritancy

(rabbit)

Non-irritating

XII. ECOLOGICAL INFORMATION

ECOTOXICITY TEST DATA:

No data available.

ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not Regulated.

PESTICIDE WASTES ARE TOXIC. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for Guidance. DO NOT contaminate water, food or feed by storage or disposal or cleaning of equipment. Dispose of unused, uncontaminated product in compliance with local, state and federal regulations.

MATERIAL SAFETY DATA SHEET

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XIV. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA: All ingredients in this product are on TSCA inventory.

HAPS: NONE

VOC CONTENT (EPA Method 24A): % VOC: 0 Lb/Gal VOC: 0

CERCLA/EPCRA:

Section 313 Toxic Chemicals:

NONE

SARA Section 311/312:

ACUTE: YES CHRONIC: YES FIRE: NO REACTIVITY: NO

SUDDEN RELEASE OF PRESSURE: NO

LISTED CARCINOGEN: None

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 2 FIRE: 1 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: A

NFPA RATING: HEALTH: 2 FIRE: 1 REACTIVITY: 0 SPECIAL: NONE

STATE RIGHT-TO-KNOW INFORMATION:

TETRAHYDRO -3,5-DIMETHYL-2H-1,3,5-THIADIAZINE-2-THIONE - CAS# 533-74-4

CALIFORNIA PROPOSITION 65:

None of the ingredients are on the California proposition 65 list.

XVI. OTHER INFORMATION

Disclaimer: The information contained in this material safety data sheet is based on the knowledge of this specific product and current national legislation. It applies to the product as sold, use dilutions may be less hazardous. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the handling, and use.