

PASSIVATE PLUS PBB

MSDS ID: 11548

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Passivate Plus PBB

Product Descriptor: WATER TREATMENT COMPOUND

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
SODIUM HEXAMETAPHOSPHATE	68915-31-1	15 - 30%	None established	
SODIUM TOLYLTRIAZOLE	64665-57-2	1 - 5%	Dust: 10 (ACGIH) and 15 (OSHA)	mg/m3 mg/m3

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION: May cause eye and skin irritation.

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

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: May be moderately irritating to eyes. SKIN: May be moderately irritating to the skin. Contains a skin sensitizer. May cause sensitization in some individuals. INHALATION: May be irritating to nose, throat and respiratory tract. Persons with pre-existing respiratory conditions should be particularly careful about possible respiratory effects. INGESTION: May be irritating to mouth, throat and stomach.

CHRONIC: Same as acute effects.

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, respiratory tract, and gastrointestinal tract.

IV. FIRST AID MEASURES

EYES: Flush immediately with plenty of water. Get medical attention if irritation occurs.

SKIN: Flush immediately with plenty of water. If irritation persists, get medical attention.

INGESTION: Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention.

INHALATION: If breathing is affected, remove to fresh air. Get medical attention.

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V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): N/A FLAME EXTENSION: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: N/A UEL: N/A
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Toxic fumes or vapor may form during fire.
EXTINGUISHING MEDIA: Water, water spray, CO2, foam or dry powder.
FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus SCBA) in fire area.
SPECIAL INSTRUCTIONS: None required.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:
Flush small amounts to drain. Collect and return large amounts to container.
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

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: If major exposure is possible, wear suitable protective clothing.
ENGINEERING CONTROLS:
VENTILATION: No special ventilation requirements. General room ventilation is adequate.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: CREAM POWDER, SWEET ODOR

BOILING POINT (DEG F): N/A FREEZING POINT: N/A
SPECIFIC GRAVITY/BULK DENSITY: 0.54
pH: N/A pH 1% SOLUTION: 8.38
VOLATILE BY VOLUME: 5
SOLUBILITY IN WATER: Soluble
VAPOR PRESSURE(mmHg): N/D at VAPOR DENSITY: N/A

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.
INCOMPATIBILITY WITH OTHER MATERIALS: None known
HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms; oxides of carbon; oxides of nitrogen; hydrogen bromide and/or bromine; hydrogen gas;

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X. STABILITY AND REACTIVITY (Cont.)

oxides of phosphorus

HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING: Toxicological testing has not been performed on the product. Listed below is the available toxicology test data for components of the product.

TOXICITY TEST DATA:

Sodium Tolyltriazole:

Acute Oral LD50 (rat) - 920 mg/kg (male)

Acute Oral LD50 (rat) - 640 mg/kg (female)

Monosodium Phosphate:

Acute Oral LD50 (rat) 7100 mg/kg

Acute Dermal LD50 (rabbit) 7940 mg/kg

Eye Irritancy (rabbit) 1.3/110 (Draize) prac. non irritating

Skin Irritancy (rabbit) 0.0/8.0 (Draize) non irritating

XII. ECOLOGICAL INFORMATION

Toxicological testing has not been performed on the product. Listed below is the available toxicology test data for components of the product.

ECOTOXICITY TEST DATA:

Sodium tolyltriazole

96 Hr. LC50: Bluegill sunfish - 191.2 mg/L

Rainbow trout - 23.7 mg/L

ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not Regulated.

Discharge diluted product to industrial sewer in accordance with discharge permit or local POTW regulations. Use product in container until empty. Rinse container with water. Recycle or dispose of container according to product labeling or governmental regulations.

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: Contains no hazardous air pollutants.

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

CERCLA/EPCRA:

Section 313 Toxic Chemicals:

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XV. REGULATORY INFORMATION (Cont.)

None

SARA Section 311/312:

ACUTE: YES CHRONIC: NO FIRE: NO REACTIVITY: NO
SUDDEN RELEASE OF PRESSURE: NO

LISTED CARCINOGEN: None

NTP: No IARC: No OSHA: No

HMIS RATINGS: HEALTH: 2 FIRE: 0 REACTIVITY: 0
PERSONAL PROTECTIVE EQUIPMENT: B

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

STATE RIGHT-TO-KNOW INFORMATION:

ACRYLIC POLYMER - PROPRIETARY

SODIUM HEXAMETAPHOSPHATE CAS#68915-31-1

SODIUM TOLYTRIAZOLE CAS#64665-57-2

TRADE SECRET - NJ-TSRN-DL-00063

WATER CAS#7732-18-5

HYDROXY ALKYL DIPHOSPHONATE, TETRASODIUM SALT CAS#3794-83-0

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.