

# SAFETY DATA SHEET

## Insta-Set B

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### Section 1: Product and Company Identification

**Trade Name:** TSW

**Product Name:** Insta-Set B

**Manufacturer:**

Tri-State Waterstoppers, LLC

99 Depot Street,

Youngwood, PA 15697, United States

Phone 724-635-3389

**24 Hour Emergency Contact Number:**

724-880-9698

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### Section 2: Hazards Identification

#### GHS Classifications

**Health:**

Skin Irritation, Category 2

Serious Eye Damage, Category 1

Target organ toxicity repeated exposure, Category 2

#### GHS Label



Health hazard



Corrosion

**Signal Word:** Danger.

#### Hazard Statements

H315: Causes skin irritation.

H318: Causes serious eye damage.

H373: May cause damage to kidneys through prolonged or repeated exposure.

**Precautionary Statements****Prevention:**

- P260: Do not breathe mist, vapours or spray.  
 P264: Wash hands thoroughly after handling.  
 P280: Wear protective gloves, protective clothing, eye protection and face protection.

**Response:**

- P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
 P332+P313: If skin irritation occurs: Get medical attention.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310: Immediately call a POISON CENTER or physician.  
 P314: Get medical attention if you feel unwell.

**Section 3: Composition/Information on Ingredients**

Component	% (weight)	Product Identifier
Non-hazardous polyether polyols	50-70	
Diethylene glycol	≤ 5	CAS No. 111-46-6
Pentamethyldiethylenetriamine	≤ 4	CAS No. 3030-47-5

**Section 4: First Aid Measures**

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes. Remove contact lenses, if present. Seek medical attention without delay.

**Skin Contact:** Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Seek medical attention if irritation or rash occurs.

**Ingestion:** If person is conscious, wash out mouth with water. Do not induce vomiting unless instructed to do so by a poison center or physician.

**Inhalation:** Move person to fresh air. Seek medical attention if symptoms of respiratory distress occur.

**Section 5: Firefighting Measures**

**Extinguishing Media:** Water spray, foam, dry chemical or carbon dioxide.

**Hazardous Combustion Products:** Carbon oxides, nitrogen oxides and various hydrocarbons.

**Explosion Hazards:** None.

**Fire Fighting Procedures:** Do not use direct water stream as this may spread the fire. Use water spray to cool fire-exposed containers.

**Fire Fighting Equipment:** Exposed firefighters must wear NIOSH-approved positive pressure self-contained breathing apparatus with full-face mask and full protective clothing.

## Section 6: Accidental Release Measures

**Personal Protection:** Wear protective equipment listed in Section 8.

**Spill Procedures:** Isolate the hazard and deny entry to unnecessary and unprotected personnel. Do not walk through or otherwise scatter spilled material. Small spills: Absorb with dry chemical absorbent, earth, sand or any other inert material. Large spills: Create a dike or trench to contain product. Follow same procedure as for a small spill.

**Environmental Precautions and Cleanup Methods:** Clean spill area with detergent and water. Retain water for disposal.

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## Section 7: Handling and Storage

**Handling:** Do not get in eyes, on skin or on clothing. Wash hands before eating, drinking or smoking. Keep container closed when not in use. Do not reseal if contaminated. Keep away from heat and flame.

**Storage:** Store in tightly closed containers in cool, dry and well-ventilated area away from heat or sources of ignition. Keep out of direct sunlight.

**Storage Temperature:** 4.4°C – 32.2°C (40°F - 90°F).

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## Section 8: Exposure Controls/Personal Protection

**Engineering Controls:** Local exhaust ventilation used in combination with general ventilation as necessary to control air contaminants.

**Eye/Face Protection:** Wear a face shield and chemical safety glasses or goggles.

**Skin Protection:** Wear impervious gloves. Cover exposed skin.

**Respiratory Protection:** When applied as a spray, wear a NIOSH approved air-purifying respirator equipped with organic vapor cartridges.

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## Section 9: Physical and Chemical Properties

Appearance	Liquid of various colors.
Odor	Slightly musty.
Odor Threshold	No data.
Melting Point	No data.
Freezing Point	No data.
Boiling Point	No data.
Flash Point (Closed Cup)	> 93.3°C (200°F)
Evaporation Rate	No data.
Flammable Limits In Air	No data.
Vapor Pressure	No data.
Vapor Density (air = 1)	No data.
Solubility in water	Partial.

Autoignition Temperature	No data.
Decomposition Temperature	No data.
Specific Gravity (water = 1)	1.12 – 1.14 at 25°C (77°F)
Viscosity (centipoise)	1500 - 2000 at 25°C (77°F)

## Section 10: Stability and Reactivity

**Stability:** Stable.

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition Products:** Carbon oxides, nitrogen oxides and various hydrocarbons.

**Incompatibilities:** Strong acids, bases and oxidizers.

## Section 11: Toxicological Information

**Acute:**

Component	Oral LD <sub>50</sub> (rat)	Dermal LD <sub>50</sub> (rabbit)	Inhalation LC <sub>50</sub> (rat)
Diethylene glycol	12565 mg/kg	11890 mg/kg	> 4.4 mg/L/4h
Pentamethyldiethylenetriamine	1630 mg/kg	280 mg/kg	290 ppm/6h

**Carcinogenicity:**

IARC: Not regulated as a carcinogen.

NTP: Not regulated as a carcinogen.

OSHA: Not regulated as a carcinogen.

## Section 12: Ecological Information

**Ecotoxicological Information:**

Diethylene glycol: LC<sub>50</sub> (fish) > 32,000 mg/L/96h; EC<sub>50</sub> (Daphnia) > 84,770 mg/L/48h

Pentamethyldiethylenetriamine: LC<sub>50</sub> (Golden orfe) 22 mg/L/96h; EC<sub>50</sub> (Daphnia) 76 mg/L/48h

## Section 13: Disposal Considerations

**Disposal Method:** Dispose in accordance with local, state, provincial or national regulations.

**Empty Container:** Decontaminate and pass to an approved drum recycler or destroy.

**RCRA/EPA Waste Information:** If discarded in its purchased form, this material is not a RCRA hazardous waste

**General Comments:** The generation of waste should be avoided or minimized whenever possible. Chemical waste, even small quantities, should never be poured into drains, sewers or waterways.

## Section 14: Transport Information

**U.S. DOT:** Not regulated.

**ICAO/IATA:** Not regulated.

**IMO/IMDG:** Not regulated.

## Section 15: Regulatory Information

### United States

#### SARA Title III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories: Acute, Chronic

313 Reportable Components: None.

**CERCLA (Comprehensive Environmental Response and Liability Act):** None.

**TSCA (Toxic Substances Control Act):** All components are on TSCA inventory.

**RCRA Status:** If discarded in its purchased form, this material is not a RCRA hazardous waste.

## Section 16: Other Information

Date Issued: May 14, 2019

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### Abbreviations and Acronyms:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
EC <sub>50</sub>	Median effective concentration
EINECS	European Inventory of Existing Commercial Chemical Substances
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LC <sub>50</sub>	Lethal concentration to 50% of exposed laboratory animals
LD <sub>50</sub>	Lethal dose to 50% of exposed laboratory animals
TWA	Time-weighted average
TLV	Threshold limit value
NIOSH	US National Institute of Occupational Safety and Health
NE	Not established

NTP	US National Toxicology Program
OEL	Occupational exposure limit
OSHA	US Occupational Safety Health Administration
PEL	Permissible exposure limit
RQ	Reportable quantity
STEL	Short term exposure limit
U.S. DOT	United States Department of Transportation