SAFETY DATA SHEET

Acrylate Accelerator TEA

Section 1: Product and Company Identification

Trade Name: Tri-State Waterstoppers
Product name: TSW Acrylate Accelerator TEA

Manufacturer:
Tri-State Waterstoppers, LLC
217 Malone Road
Ruffs Dale, PA 15679, United States
Phone 724-880-9698 Fax 724-635-0271

24 Hour Emergency Contact Number:
CHEMTREC United States/Canada 800-424-9300

Section 2: Hazards Identification

GHS Classification: None.

GHS Label:
Hazard pictograms: None.

Signal Word: None.

Section 3: Composition/Information on Ingredients

Component	% (weight)	Product Identifier
Triethanolamine	> 99	CAS No. 102-71-6

Section 4: First Aid Measures

Inhalation: Move person to fresh air.

Skin Contact: Wash thoroughly with soap and plenty of water.

Eye Contact: Flush eyes with water for at least 5 minutes.

Ingestion: If swallowed, give 1-2 glasses of water to drink. Do not induce vomiting unless directed to do so by medical personnel.

Section 5: Firefighting Measures

Suitable Extinguishing Media: Water fog, foam, dry chemical or carbon dioxide. Do not use direct water spray as this may spread the fire.

Unusual Fire and Explosion Hazards: None.

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

Hazardous Combustion Products: Oxides of carbon and nitrogen.

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: Take up with sand or other absorbent material and place into containers for later disposal. Large spills: Dike far ahead of spill. Follow same procedure as for a small spill.

Environmental Precautions and Cleanup Methods: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. Clean spill area with soap and water.

Section 7: Handling and Storage

Handling: Thaw and mix well before use. Do not get in eyes, on skin or on clothing. Keep container closed. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Keep away from heat and flame.

Storage: Store in tightly closed containers in cool, dry area away from heat, sources of ignition and incompatibles. Store 23.3 ^{o}C – 38.8 ^{o}C (74 ^{o}F – 100 ^{o}F). Protect against physical damage.

Section 8: Exposure Controls/Personal Protection

Exposure limits:

Component	CAS No.	OSHA/PEL	ACGIH/TLV
Triethanolamine	102-71-6	NE	5 mg/m^3

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

Skin Protection: Wear impervious gloves. Cover exposed skin.

Respiratory Protection: For airborne exposure above the exposure limit, wear a NIOSH approved air-purifying respirator equipped with organic vapor cartridges. For situations where the atmospheric

levels may exceed the level for which an air-purifying respirator is effective, use a positive-pressure air-supplying respirator.

Section 9: Physical and Chemical Properties

Appearance	Colorless to yellow liquid
Odor	Ammonia-like
Odor Threshold	No data
pH	No data
Melting Point	Not applicable
Freezing Point	20.5 °C (68.9 °F)
Boiling Point	336.1 °C (637 °F)
Flash Point (Closed Cup)	179 °C (354 °F)
Evaporation Rate	No data
Flammable Limits In Air	No data
Vapor Pressure	No data
Vapor Density (air = 1)	5
Specific Gravity (water = 1)	1.25 at 25 °C (77 °F)
Viscosity	900 Centipoise at 25 °C (77 °F)
Solubility in water	Miscible
Autoignition Temperature	324 °C (615 °F)
Decomposition Temperature	Not determined

Section 10: Stability and Reactivity

Stability: Stable.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Oxides of carbon and nitrogen.

Incompatibilities: Strong acids, strong oxidizers, nitrites and halogenated hydrocarbons.

Section 11: Toxicological Information

Acute Toxicity:

Component	Oral LD_{50} (rat)	Dermal LD_{50} (rabbit)	Inhalation LC_{50} (rat)
Triethanolamine	6400 mg/kg	22500 mg/kg	

Carcinogenicity:

IARC: Not regulated.
NTP: Not regulated.
OSHA: Not regulated.

Section 12: Ecological Information

Toxicity: LC_{50} (rainbow trout) > 11,800 mg/L/96h; EC_{50} (water flea) > 609.9 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 Federal Regulations:

SARA Title III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories: None

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 1, 2015
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information. This SDS is not a specification data sheet. Some of the information and conclusions may be derived from sources other than test data on the material itself.

Abbreviations and Acronyms:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
EC_{50}	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_{50}	Lethal concentration to 50% of exposed laboratory animals
LD_{50}	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