SAFETY DATA SHEET
TJ-LIQUID ENZYMES

Printed: 01/30/2020
Revision: 01/30/2020
Supersedes Revision: 03/15/2016

1. Product and Company Identification

Product Code: TJ-310
Product Name: TJ-LIQUID ENZYMES
Trade Name: Biological Cleaner / Waste Degrader

Company Name: TJ Chemicals and Supplies, LLC
P.O. Box 325
Florence, MS 39073
Phone Number: (601)720-6875
Email address: tinatjchemicals@yahoo.com
Emergency Contact: Chem Tel (800)255-3924
Information: TJ Chemicals & Supplies (601)720-6875

2. Hazards Identification

GHS Signal Word: **None**
GHS Hazard Phrases:
GHS Precaution Phrases:
GHS Response Phrases:
GHS Storage and Disposal Phrases:
OSHA Regulatory Status: This material is classified as not hazardous under OSHA regulations.
Potential Health Effects (Acute and Chronic): Dermatitis.
Inhalation: May cause allergic respiratory reaction.
Skin Contact: May cause skin irritation.
Eye Contact: May cause eye irritation.
Ingestion: May cause vomiting.
Medical Conditions Generally Aggravated By Exposure: Dermititus and sensitive skin conditions.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
NA	Surfactants	<=3.0 %
68920-42-3	Bacteria, complex	>=400.0 PPB
85186-71-6	Enzymes, com., Driselase	>=200.0 PPB

4. First Aid Measures

Emergency and First Aid Procedures: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention. Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

In Case of Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.

In Case of Skin Contact: Rinse cautiously with water for several minutes.

In Case of Eye Contact: Rinse cautiously with water for several minutes.

In Case of Ingestion: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth with water.

Indication of any immediate medical attention and special treatment needed: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: NE

Explosive Limits: LEL: UEL:

Autoignition Pt: NE

Suitable Extinguishing Media: For small fires, use dry chemical, carbon dioxide, or water spray.

Unsuitable Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Fire Fighting Instructions: Use water spray to keep fire-exposed containers cool.

Flammable Properties and Hazards: Not flammable or combustible.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures: Rubber or neoprene gloves. Chemical safety goggles.

Environmental Precautions: Observe all federal, state, and local environmental regulations. Do not get in eyes, on skin, or on clothing.

Steps To Be Taken In Case Material Is Released Or Spilled: Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal.

7. Handling and Storage

Precautions To Be Taken in Handling: Wash hands before eating. Wash clothing before reuse. Wash thoroughly after handling.

Precautions To Be Taken in Storing: Store protected from light. Store in well-ventilated place.

Other Precautions: Store in tightly sealed container.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
NA	Surfactants			
68920-42-3	Bacteria, complex			
85186-71-6	Enzymes, com., Driselase			

Recommended Exposure Limits: Not reported.

Respiratory Equipment (Specify Type): None required

Eye Protection: Chemical safety goggles.

Protective Gloves: Rubber or neoprene gloves.

Other Protective Clothing: Rubber or neoprene boots.

Engineering Controls (Ventilation etc.): Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Work/Hygienic/Maintenance Practices: Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before reuse.

Environmental Exposure Controls: When using and storing any chemical, keep away from drains, sumps or any place that would allow entry into the environment. Have absorbant material such a oil-dry, boons and or earthen material on hand to prevent spills into the environment.

9. Physical and Chemical Properties

Physical States: [ ] Gas [X] Liquid [ ] Solid

Appearance and Odor: White. Pleasant.

pH: >=7

Melting Point: NE

Boiling Point: NE

Flash Pt: NE

Evaporation Rate: NE

Flammability (solid, gas): Not flammable or combustible.

Explosive Limits: LEL: UEL:

Vapor Pressure (vs. Air or mm Hg): NE

Vapor Density (vs. Air = 1): NE

Specific Gravity (Water = 1): >=1

Density: NE

Bulk density: NE

Solubility in Water: ~ complete

Saturated Vapor Concentration: NE

Octanol/Water Partition Coefficient:

Percent Volatile: NE

VOC / Volume: NE

Autoignition Pt: NE

Decomposition Temperature: NE

Viscosity: NE

Particle Size: NE

Heat Value: NE

Corrosion Rate: NE

10. Stability and Reactivity

Stability: Unstable [ ] Stable [X]

Conditions To Avoid - Instability: KEEP AWAY from strong acids, strong oxidizers, caustics.

Incompatibility - Materials To Avoid: KEEP AWAY from strong acids, strong oxidizers, caustics.

Hazardous Decomposition or Byproducts: No data available.

Possibility of Hazardous Reactions: Will occur [ ] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: Product will not undergo polymerization.

11. Toxicological Information

Toxicological Information: No information present.

Irritation or Corrosion: No information reported.

Symptoms related to Toxicological Characteristics: No information reported.

Chronic Toxicological Effects: No information reported.

Carcinogenicity/Other Information: NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information: Biodegradable.

Results of PBT and vPvB assessment: No data available.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No information found.

Mobility in Soil: No information found.

Other adverse effects: No information found.

13. Disposal Considerations

Waste Disposal Method: Consult with immediate supervisor before using. Refer to local, state and Federal regulations as to the proper use, handling and disposal of this material.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: NOT REGULATED FOR DOMESTIC TRANSPORT.
DOT Hazard Class:
UN/NA Number:

Additional Transport Information: Non-Hazardous for Air Transport: Non-hazardous for sea-land transport.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
NA	Surfactants	No	No	No
68920-42-3	Bacteria, complex	No	No	No
85186-71-6	Enzymes, com., Driselase	No	No	No

Regulatory Information: If you are unsure how to properly use this product, read label first, consult with your immediate supervisor, check with safety supervisor next and refer to all local state and Federal regulatory bodies before using.

16. Other Information

Revision Date: 01/30/2020

Hazard Rating System:

HMIS:

HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PPE	B

NFPA:

Additional Information About This Product: As the handling and use of products under user's conditions are beyond our control, no warranty, express or implied, including, but not limited to merchantability or fitness for a particular use, is made concerning this product. The user assumes all risk of use and handling whether or not in accordance with directions or suggestions of the supplier. Seller shall not be liable to purchaser or any other person for loss or damages directly or indirectly arising from the use of our products, from breach of any warranty or from any other cause, the exclusive remedy against seller being to require replacement or repair of defective goods.