

1. Product and Company Identification

Product Code: TF-LAUNDRY
Product Name: The Detergent-Night
Company Name: The Fill
PO BOX 1945
Bridgehampton, NY 11932
Emergency Contact: Chemtrec 1 (800)424-9300

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2B

GHS Signal Word: **Warning**
GHS Hazard Phrases: Causes eye irritation.
GHS Precautionary Phrases: Keep out of reach of children.
Read label before use.
Wash hands thoroughly after handling.
GHS Response Phrases: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes. Get medical advice/attention.
IF ON SKIN: Wash any sensitive areas. If skin irritation occurs, get medical advice/attention.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.

Medical and Transportation Emergencies contact Chemtrec 1-800-424-9300

GHS Storage and Disposal Phrases: Dispose of contents/container in accordance to local, state and federal regulations.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1303-96-4	Borax {Sodium tetraborate decahydrate; Sodium borate}	<1.0 %
37288-54-3	Mannanase, endo-1,4-beta-	0.10 - 0.50 %
9001-62-1	Lipase, triacylglycerol {Triglyceride hydrolase}	0.10 - 0.50 %
9012-54-8	Cellulase {.beta.-1,4-Glucan glucanhydrolase; Cellulase, trichoderma reesei; Fungal cellulase}	0.10 - 0.50 %
9000-90-2	.alpha.-Amylase	0.10 - 1.0 %
9014-01-1	Protease, Type VIII, from bacillus licheniformis {Biopraxe}	0.10 - 1.0 %
68131-39-5	Ethoxylated linear alcohol	1.0 - 5.0 %
25133-97-5	Ethyl acrylate, methyl methacrylate, methacrylic acid polymer	0.10 - 2.0 %
9004-82-4	Sodium lauryl ether sulfate {Sodium laureth sulfate}	No Data.

4. First Aid Measures

Emergency and First Aid Procedures:

- In Case of Skin Contact:** Wash any sensitive areas. If skin irritation occurs: Get medical advice/attention.
- In Case of Eye Contact:** Immediately flush eyes with large amounts of fresh, tepid water for at least 15 minutes. Hold eyelids open to ensure complete irrigation of eye and lid tissues. Tilt head to the side and irrigate the eye from the bridge of the nose to the outside of the face. Keep run-off from entering the other eye, mouth or ear. Washing eye within the first few seconds is essential to achieve maximum effectiveness. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
- In Case of Ingestion:** Do not induce vomiting. Rinse mouth with fresh, Tepid water, than immediately drink 4-8 oz. or milk or water. Never give anything by mouth to an unconscious person. If vomiting occurs, keep airways open. Keep head lower than hips to prevent aspiration into the lungs. Get medical advice/attention.

5. Fire Fighting Measures

- Flash Pt:**
- Explosive Limits:** LEL: UEL:
- Autoignition Pt:**
- Suitable Extinguishing Media:** Dry chemical, CO2, sand, earth, water spray or regular foam.
- Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

- Flammable Properties and Hazards:**
- Hazardous Combustion Products:**

6. Accidental Release Measures

- Protective Precautions, Protective Equipment and Emergency Procedures:** Rubber or neoprene gloves, Safety glasses.
- Steps To Be Taken In Case Material Is Released Or Spilled:** Absorb spill with inert material (e.g. dry sand or earth), and dispose of in accordance with applicable regulations.

7. Handling and Storage

- Precautions To Be Taken in Handling:** Avoid contact with eyes.
- Precautions To Be Taken in Storing:** Keep from freezing.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1303-96-4	Borax {Sodium tetraborate decahydrate; Sodium borate}		TLV: 5 mg/m3	
37288-54-3	Mannanase, endo-1,4-beta-			
9001-62-1	Lipase, triacylglycerol {Triglyceride hydrolase}			

SAFETY DATA SHEET

The Detergent-Night

Page: 3

Printed: 05/23/2024
Revision: 05/15/2024

9012-54-8	Cellulase {beta.-1,4-Glucan glucanhydrolase; Cellulase, trichoderma reesei; Fungal cellulase}	
9000-90-2	.alpha.-Amylase	
9014-01-1	Protease, Type VIII, from bacillus licheniformis {Biopraxe}	CEIL: 0.00006 mg/m3
68131-39-5	Ethoxylated linear alcohol	
25133-97-5	Ethyl acrylate, methyl methacrylate, methacrylic acid polymer	
9004-82-4	Sodium lauryl ether sulfate {Sodium laureth sulfate}	

Respiratory Equipment A respirator is not needed under normal and intended conditions of product use.

(Specify Type):

Eye Protection: As needed

Protective Gloves: As needed

Other Protective Clothing: As needed

Engineering Controls

(Ventilation etc.):

9. Physical and Chemical Properties

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

Appearance and Odor: Appearance: White Liquid

Odor: Aromatic Scent

pH: 8.0 - 9.0

Melting Point:

Boiling Point:

Flash Pt:

Evaporation Rate:

Flammability (solid, gas):

Explosive Limits: LEL: UEL:

Vapor Pressure (vs. Air or mm Hg):

Vapor Density (vs. Air = 1):

Specific Gravity (Water = 1): 1.040 - 1.050

Solubility in Water: 100

Octanol/Water Partition

Coefficient:

Autoignition Pt:

Decomposition Temperature:

Viscosity: 3500 - 5500

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Avoid handling conditions which may allow for leaks and spills of this material.

Incompatibility - Materials To Avoid:

Hazardous Decomposition or Byproducts:

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

Conditions To Avoid - Hazardous Reactions:

11. Toxicological Information

Toxicological Information: Eye contact, Skin contact

Irritation or Corrosion:

Eyes: Causes eye irritation.

Skin: Health injuries are not known or expected under normal use.

Ingestion: Health injuries are not known or expected under normal use.

Inhalation: Health injuries are not known or expected under normal use.

Symptoms related to Toxicological Characteristics:

Eyes: Redness, pain, irritation.

Skin: No symptoms known or expected.

Ingestion: No symptoms known or expected.

Inhalation: No symptoms known or expected.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
1303-96-4	Borax {Sodium tetraborate decahydrate; Sodium borate}				
37288-54-3	Mannanase, endo-1,4-beta-				
9001-62-1	Lipase, triacylglycerol {Triglyceride hydrolase}				
9012-54-8	Cellulase {.beta.-1,4-Glucan glucanhydrolase; Cellulase, trichoderma reesei; Fungal cellulase}				
9000-90-2	.alpha.-Amylase				
9014-01-1	Protease, Type VIII, from bacillus licheniformis {Biopraxe}				
68131-39-5	Ethoxylated linear alcohol				
25133-97-5	Ethyl acrylate, methyl methacrylate, methacrylic acid polymer				
9004-82-4	Sodium lauryl ether sulfate {Sodium laureth sulfate}				

12. Ecological Information

General Ecological Information: This product has no known ecotoxicological effects.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents/container in accordance to local, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Compound Cleaning, Not Regulated

DOT Hazard Class:

UN/NA Number:

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)
1303-96-4	Borax {Sodium tetraborate decahydrate; Sodium borate}	No	No	No
37288-54-3	Mannanase, endo-1,4-beta-	No	No	No
9001-62-1	Lipase, triacylglycerol {Triglyceride hydrolase}	No	No	No
9012-54-8	Cellulase {.beta.-1,4-Glucan glucanhydrolase; Cellulase, trichoderma reesei; Fungal cellulase}	No	No	No
9000-90-2	.alpha.-Amylase	No	No	No
9014-01-1	Protease, Type VIII, from bacillus licheniformis {Biopraxe}	No	No	No
68131-39-5	Ethoxylated linear alcohol	No	No	No
25133-97-5	Ethyl acrylate, methyl methacrylate, methacrylic acid polymer	No	No	No
9004-82-4	Sodium lauryl ether sulfate {Sodium laureth sulfate}	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1303-96-4	Borax {Sodium tetraborate decahydrate; Sodium borate}	TSCA: Inventory PA HSL: Yes - 1 WI Air
37288-54-3	Mannanase, endo-1,4-beta-	TSCA: Inventory PA HSL: No
9001-62-1	Lipase, triacylglycerol {Triglyceride hydrolase}	TSCA: Inventory PA HSL: No
9012-54-8	Cellulase {.beta.-1,4-Glucan glucanhydrolase; Cellulase, trichoderma reesei; Fungal cellulase}	TSCA: Inventory PA HSL: No
9000-90-2	.alpha.-Amylase	TSCA: Inventory PA HSL: No
9014-01-1	Protease, Type VIII, from bacillus licheniformis {Biopraxe}	TSCA: Inventory CA TAC, Title 8: Title 8 PA HSL: No
68131-39-5	Ethoxylated linear alcohol	TSCA: Inventory PA HSL: No
25133-97-5	Ethyl acrylate, methyl methacrylate, methacrylic acid polymer	TSCA: Inventory PA HSL: No
9004-82-4	Sodium lauryl ether sulfate {Sodium laureth sulfate}	TSCA: Inventory PA HSL: No

16. Other Information

Revision Date: 05/15/2024

Additional Information About This Product: Company's Disclaimer: While The Fill believes this statement set forth herein are accurate as of the date hereof, The Fill makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation and verification.