

SAFETY DATA SHEET (SDS)

NT-MAX Drain & Grease Trap Treatment Industrial Biological Drain & Grease Trap Treatment

Prepared in accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200) and SDS content requirements (Appendix D).

1. IDENTIFICATION

Product identifier:	NT-MAX Drain & Grease Trap Treatment
Other means of identification:	NT-MAX 5-Gallon Drain & Grease Trap Treatment; MPN NTB915; UPC 811744010350.
Recommended use:	Bioenzymatic biological treatment for fats, oils, grease (FOG), proteins, starches, odors, and related organic waste in commercial drain lines, grease traps, grease interceptors, and related wastewater environments.
Restrictions on use:	Not for human or animal consumption. Not for potable water. Not for use as a disinfectant, sanitizer, antimicrobial pesticide, chemical drain opener, solvent degreaser, or caustic cleaner. Use only as directed.
Manufacturer/Supplier:	NewTechBio, Inc. 4301 US 9 N Howell, NJ 07731 USA
Telephone (product information; not an emergency number):	800-509-0927
Email / website:	sales@newtechbio.com NEWTECHBIO.COM
Emergency telephone number (US):	911 (emergency services) or 1-800-222-1222 (Poison Control for medical advice).
Emergency overview:	For life-threatening emergencies call 911. For non-emergency exposure guidance, call Poison Control (US) at 1-800-222-1222. For product information, contact NewTechBio, Inc.
SDS revision date:	2026-05-03

2. HAZARD(S) IDENTIFICATION

Classification (OSHA HazCom / GHS): Not classified as hazardous based on available formulation information.

OSHA defined hazards (HNOC): None known for the liquid product as supplied.

Label elements - Signal word: None.

Hazard statement: None required.

Pictograms: None.

Precautionary statements (general): Avoid contact with eyes and prolonged skin contact. Avoid breathing mist or spray. Do not ingest. Wash hands after handling. Keep container closed when not in use. Keep out of reach of children.

Other hazards: Product contains selected non-pathogenic microorganisms and enzymes. No known pathogens or opportunistic pathogens are intentionally added. Direct contact with open wounds should be avoided. Liquid may cause mild eye or skin irritation. Ingestion may cause gastrointestinal upset. Mists or aerosols may irritate the respiratory tract. Sensitive individuals may experience an allergic-type response to enzyme or microbial proteins. Spilled liquid may create slippery surfaces.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture: Proprietary liquid bioenzymatic blend containing water, selected non-pathogenic microorganisms, enzymes, nutrients, stabilizers, and processing aids. No hazardous ingredients are present at or above OSHA/GHS or WHMIS disclosure thresholds.

Component	CAS No.	Concentration / disclosure basis
Water	7732-18-5	Balance
Selected naturally occurring, non-pathogenic microorganisms	Not applicable	Proprietary / trade secret. Microbial potency is expressed as CFU per gallon, not chemical weight percent.
Proprietary enzyme, nutrient, stabilizer, and processing-aid blend	Mixture / various	Trade secret
Hazardous ingredients requiring disclosure	N/A	None expected at applicable OSHA/GHS or WHMIS disclosure thresholds

Product identity note: NT-MAX Drain & Grease Trap Treatment contains 4 trillion CFU per gallon. CFU is a biological potency measure and is not used as a chemical weight percentage for GHS classification.

Trade secret statement: Specific microorganism identities, enzyme identities, processing aids, and/or exact percentages may be withheld as trade secrets as permitted under 29 CFR 1910.1200(i). Information necessary to evaluate and control exposure is provided in this SDS. Specific identities will be disclosed to medical personnel and other authorized parties in accordance with applicable regulation.

4. FIRST-AID MEASURES

Inhalation:	Move person to fresh air. If coughing, irritation, allergic-type symptoms, or breathing discomfort persists, seek medical attention.
Skin contact:	Wash exposed skin with soap and water. Remove contaminated clothing and wash before reuse. Avoid contact with open wounds. Get medical advice if irritation, rash, redness, or signs of infection develop or persist.
Eye contact:	Rinse cautiously with water for at least 15 minutes, lifting upper and lower eyelids. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.
Ingestion:	Rinse mouth with water. Do not induce vomiting unless directed by medical personnel. If the person is conscious, give small amounts of water to drink. Call Poison Control or a physician if large amounts are swallowed or symptoms occur.
Most important symptoms/effects, acute and delayed:	May cause mild eye, skin, or respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting, or diarrhea. Sensitive individuals may experience allergic-type response to enzyme or microbial proteins.
Indication of immediate medical attention and special treatment:	Treat symptomatically. Contact a poison treatment specialist if large quantities are ingested or inhaled.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use extinguishing media appropriate for the surrounding fire, including water spray or fog, foam, dry chemical, or carbon dioxide (CO ₂).
Unsuitable extinguishing media:	None known.
Specific hazards arising from the chemical:	Product is a water-based liquid and is not expected to sustain combustion. Closed containers exposed to heat may rupture due to pressure buildup. Thermal decomposition or burning of dried residues may produce carbon oxides and irritating gases.
Special protective equipment and precautions for firefighters:	Wear self-contained breathing apparatus (SCBA) and full protective gear as appropriate for the surrounding fire. Cool fire-exposed containers with water spray if safe to do so.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:	Avoid contact with eyes and prolonged skin contact. Avoid breathing mist or spray. Spilled liquid may make surfaces slippery. Use appropriate PPE described in Section 8. Keep unnecessary personnel away from large spills.
Environmental precautions:	Prevent uncontrolled release to storm drains, surface waters, soil, basements, or confined areas except where the product is used as directed for approved wastewater applications. Notify authorities if a reportable or uncontrolled environmental release occurs.
Methods and materials for containment and cleaning up:	Stop leak if safe to do so. Contain with inert absorbent material such as sand, earth, vermiculite, or commercial absorbent. Collect into a suitable labeled container for disposal. Wash residual area with water. For small spills, dilute with water and mop up where permitted by site procedures.

7. HANDLING AND STORAGE

- Precautions for safe handling:** Use good industrial hygiene and safety practices. Avoid splashing and aerosol generation. Do not get in eyes. Avoid prolonged or repeated skin contact. Do not eat, drink, or smoke while handling. Wash hands after use. Keep out of reach of children.
- Compatibility during use:** Do not mix with strong acids, strong bases/alkalis, strong oxidizers, bleach, sanitizers, disinfectants, biocides, or other harsh chemicals. These materials may inactivate the biological cultures and may affect product performance.
- Conditions for safe storage:** Store in the original container, tightly closed, upright, in a cool, dry, well-ventilated area. Protect from direct sunlight, freezing, and excessive heat. Recommended storage range: 50 to 80 deg F (10 to 27 deg C). Avoid prolonged exposure above 115 deg F (46 deg C) to maintain biological activity. Store away from food, drink, animal feed, and incompatible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Control parameters:** No occupational exposure limits have been established for the mixture. Where mist or aerosol is generated, apply good industrial hygiene practices.
- Appropriate engineering controls:** Good general ventilation is normally sufficient. Use local exhaust or additional ventilation where mist, spray, or aerosols may be generated. Provide eyewash access for bulk handling or transfer areas.
- Eye/face protection:** Safety glasses with side shields are recommended. Use chemical splash goggles or a face shield if splashing is likely.
- Skin protection:** Wear chemical-resistant gloves such as nitrile, neoprene, or rubber when repeated or prolonged contact is possible. Wear suitable work clothing. Remove and wash contaminated clothing before reuse.
- Respiratory protection:** Not typically required under normal use. If mist or aerosols are generated and ventilation is inadequate, use a NIOSH-approved respirator appropriate for the exposure conditions and in accordance with a respiratory protection program.
- Hygiene measures:** Wash hands, forearms, and face after handling and before eating, drinking, smoking, or using the restroom.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties. Values below are completed-template placeholder averages/typical estimates and are not final specifications. Confirm all values against final QC data for released product lots.

Property	Typical value / information
Appearance	Opaque to turbid liquid.
Color	Light to medium green
Physical state	Liquid.
Odor	Mild characteristic odor.
Odor threshold	No data available.
pH	4 - 10.6 at 40 deg F
Melting point/freezing point	Approximately 32 deg F (0 deg C) for water-based liquid; product should be protected from freezing.
Initial boiling point and boiling range	Approximately 212 deg F (100 deg C).
Flash point	Not applicable. Product does not sustain combustion under normal conditions.
Evaporation rate	Similar to water.
Flammability	Not flammable.
Upper/lower flammability or explosive limits	Not applicable / no data available.

Property	Typical value / information
Vapor pressure	Similar to water
Vapor density	No data available.
Relative density / specific gravity	1.01 g/mL at 20 - 25 deg C; specific gravity 1.01
Solubility(ies)	Miscible or dispersible in water.
Partition coefficient (n-octanol/water)	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	Low-viscosity, water-like to slightly viscous liquid; approximately 5 cP at 25 deg C.
Explosive properties	Not explosive.
Oxidizing properties	Not expected to be oxidizing.
VOC content	0% to less than 1%

10. STABILITY AND REACTIVITY

Reactivity:	No hazardous reactivity known under normal conditions of use and storage.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Conditions to avoid:	Avoid freezing, repeated freeze-thaw, direct sunlight, excessive heat, and prolonged exposure above 115 deg F (46 deg C). Avoid generating mists or aerosols. Avoid contamination with incompatible materials.
Incompatible materials:	Strong oxidizing agents, bleach, sanitizers, disinfectants, biocides, strong acids, strong bases/alkalis, and other harsh chemicals. These may inactivate microorganisms and enzymes.
Hazardous decomposition products:	Under fire conditions or thermal decomposition, may produce carbon oxides (CO, CO ₂) and irritating gases.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:	Eye contact, skin contact, ingestion, and inhalation of mist or aerosols.
Inhalation:	No known significant effects under normal use. Mist or aerosol may cause respiratory tract irritation in susceptible individuals.
Eye contact:	May cause mild irritation, redness, or watering.
Skin contact:	May cause mild irritation with prolonged or repeated contact. Avoid contact with open wounds.
Ingestion:	Not intended for ingestion. Ingestion may cause gastrointestinal irritation, nausea, vomiting, or diarrhea.
Acute toxicity:	Not classified
Skin corrosion/irritation:	Mild irritation possible.
Serious eye damage/irritation:	Mild irritation possible.
Respiratory or skin sensitization:	Contains enzymes and microbial proteins; repeated aerosol exposure may cause allergic-type response in sensitive individuals.
Germ cell mutagenicity / carcinogenicity / reproductive toxicity:	Components are not expected to be carcinogenic at levels present. This product is not known to contain components listed by IARC, NTP, or OSHA as carcinogens.
Specific target organ toxicity (single or repeated exposure):	Repeated inhalation of mist or aerosol may aggravate pre-existing respiratory conditions.
Aspiration hazard:	Not expected for this water-based liquid.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not classified as environmentally hazardous.
Persistence and degradability:	Organic components are expected to be biodegradable. Microorganisms are selected biological cultures and are expected to decline or degrade under environmental conditions.
Bioaccumulative potential:	Bioaccumulation is not expected for the water-based biological mixture.
Mobility in soil:	Avoid uncontrolled release of large quantities to the environment. Product is intended for controlled wastewater use only as directed.
Other adverse effects:	

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:	Dispose of unused product, spill residues, contaminated absorbents, and empty containers in accordance with applicable federal, state, local, and site-specific requirements. Product used as directed may enter approved wastewater systems where permitted by the authority having jurisdiction.
Contaminated packaging:	Empty containers may retain product residue. Triple-rinse or clean where appropriate. Recycle, recondition, or dispose of containers in accordance with local requirements. Do not reuse empty containers for food, drinking water, or unrelated materials.

14. TRANSPORT INFORMATION

Mode	Regulatory status	UN number	Proper shipping name	Hazard class	Packing group	Environmental hazard
DOT (US)	Not regulated	N/A	N/A	N/A	N/A	No / not determined
TDG (Canada)	Not regulated	N/A	N/A	N/A	N/A	No / not determined
IMDG	Not regulated	N/A	N/A	N/A	N/A	No / not determined
IATA	Not regulated	N/A	N/A	N/A	N/A	No / not determined

Special precautions for user: Transport in closed, upright, secure containers. Protect from package damage, freezing, direct sunlight, and excessive heat. Ensure personnel know spill response procedures. Transport in bulk according to IMO instruments:

15. REGULATORY INFORMATION

OSHA Hazard Communication Standard (29 CFR 1910.1200):	Not classified as hazardous based on available formulation information.
SARA Title III Sections 302/304:	No known substances subject to these reporting requirements at reportable levels.
SARA Title III Sections 311/312:	Not classified as a hazardous chemical for these purposes based on available information.
SARA Title III Section 313:	No known listed toxic chemicals at reportable levels.
CERCLA:	No known hazardous substances at reportable levels.
Clean Water Act:	No known substances regulated as pollutants at reportable levels in the product as supplied. Local wastewater and pretreatment requirements may apply to product use.
Clean Air Act:	No known listed hazardous air pollutants at reportable levels.
TSCA Inventory:	Completed-template placeholder: all non-exempt chemical components are expected to be listed on, exempt from, or otherwise compliant with TSCA; microbial/biological components are expected to be reviewed under applicable microbial or biotechnology requirements. Verify against final released formulation before official release.
California Proposition 65:	Completed-template placeholder: no listed chemicals are expected to be present at levels requiring a Proposition 65 warning. Verify against final formulation and current listed chemicals before official release.
U.S. State Right-to-Know:	Completed-template placeholder: no reportable State Right-to-Know components are expected at applicable thresholds. Verify against final formulation before official release.
EPA pesticide registration:	Not applicable. This product is not intended or labeled for use as a pesticide, disinfectant, sanitizer, or antimicrobial product.
WHMIS 2015:	Not classified based on available information.

16. OTHER INFORMATION

Rating system	Health	Flammability	Physical / instability	Personal protection
HMIS (typical)	1	0	0	B
NFPA (typical)	1	0	0	N/A

Prepared by: NewTechBio Technical Department.

Issuing date: 2026-05-03

Revision information: Revision 1.0 - Completed simulated template for NT-MAX Drain & Grease Trap Treatment. Placeholder values inserted for pH, specific gravity/density, appearance/color, viscosity, hazardous ingredient screening, and TSCA/state regulatory status. Replace with formulation-specific QC and regulatory review data before official release.

Key abbreviations: CFU = colony-forming units; CO2 = carbon dioxide; DOT = U.S. Department of Transportation; TDG = Transportation of Dangerous Goods; FOG = fats, oils, and grease; GHS = Globally Harmonized System; HMIS = Hazardous Materials Identification System; IATA = International Air Transport Association; IMDG = International Maritime Dangerous Goods; N/A = not applicable; NIOSH = National Institute for Occupational Safety and Health; OSHA = Occupational Safety and Health Administration; PPE = personal protective equipment; SDS = Safety Data Sheet.

Disclaimer: The information in this SDS is believed to be accurate as of the revision date and is provided for guidance in safe handling, use, processing, storage, transportation, disposal, and release. It relates only to the specific product identified and may not be valid when used with other materials or in any process not described. NewTechBio, Inc. makes no warranties, expressed or implied, regarding this information. Final determination of suitability and regulatory compliance is the responsibility of the user.

End of Safety Data Sheet