



## ***M.S.D.S.***

### 1. Identification of the substance/preparation and company/undertaking.

**NAME** NT-MAX GREASE TRAP TREATMENT  
CONCENTRATE

**MSDS No** NT-MAX  
GTC

**Synonyms:** bacterial products.

**Common uses:** grease trap treatment and drain cleaner

**Supplied by:** Newtechbio, Inc.

56 Elizabeth Street  
Forty Fort, PA  
18704

Tel: 570-283-3003

Fax: 570-300-1861

Emergency No. (Office hours): 800-509-0927

Emergency No. (24 hours): 570-283-3003

### 2. Composition/information on ingredients.

Contains:

Concentrated Bacterial Cultures	26%	CAS	N/A
Water	61%	CAS	7732-18-5
Nonylphenol Polyethylene Glycol Ether	10%	CAS	127087-87-0
Odor Control #10175	2%	CAS	N/A
Preservative	less than 1%	CAS	52-51-7

<u>Hazardous ingredient / impurity</u>	<u>% Conc.</u>	<u>Classification</u>	<u>Exposure</u>	<u>CAS</u>	<u>EINECS</u>
None					

### 3. Hazards identification.

#### **Classification:**

Bacterial culture non pathogenic, surfactant blend non hazardous.

Irritating to skin, risk of serious damage to eyes.

### 4. First Aid measures.

Immediate medical attention is required in case of exposure by inhalation, contact with skin or eyes, or if swallowed.

<u>Exposure Route</u>	<u>Symptom</u>	<u>Treatment</u>
<b>Inhalation</b>	Same as exposure to dust	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention.
<b>Skin Contact</b>	Redness and irritation	Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin is damaged or if irritation persists seek medical attention.

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<b>Eye Contact</b>	Irritation	Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention. Do not delay.
<b>Ingestion</b>	Irritation of gastrointestinal tract, nausea, diarrhea	Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention.

**Immediate Treatment / Antidote:** symptomatic treatment

**Delayed Effects:** bacterial infection

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### 5. Fire Fighting measures.

**Suitable Extinguishers:** water

**Unsuitable Extinguishers:**

**Hazardous Combustion Products:** none in normal use. Fire creates fumes including carbon dioxide and sulphur dioxide.

**Special Equipment for Fire Fighting:** self contained breathing apparatus

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### 6. Accidental Release measures.

**Personal Precautions:** Wear appropriate PPE - See section 8

**Environmental Precautions:** The bacteria and carriers are naturally occurring and should not pose an environmental risk.

**Clean up Procedure:** Vacuum or sweep up avoiding generation of mist. Place in suitable labelled containers and hold for waste disposal. Wash spill site with water. If bacterial contamination is an issue use chlorine to kill the bacillus spores.

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### 7. Handling & Storage.

#### Handling

**Ventilation:** Good general ventilation.

**Recommended procedures & equipment:** avoid creating mist

#### Storage

**Temperature range:** 0 deg C to 40 deg C for product viability only.

**Humidity range:** all.

**Keep away from:** See section 10

**Suitable storage Media:** original container with closed lid

**Precautions against static discharge:** recommended.

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### 8. Exposure Controls/personal protection.

**Exposure standards:**

Component	LTEL (8h TWA)	STEL (15 mins)	Type
None			

**Personal Protective Equipment:**

**Respiratory:** Dust mask

**Hand:** Wash hands after use. Gloves recommended

**Eye:** Safety glasses or goggles recommended.

**Skin:** Wash after exposure. Overalls and boots recommended

**Environmental controls:** Users should be aware of environmental considerations and their duties under the environmental protection act.

**Hygiene Measures:** Always wash thoroughly after handling chemicals.

**9. Physical & Chemical Properties.**

<b>Appearance</b>	Water like liquid, dyed green.
<b>Odor</b>	Lemon
<b>pH</b>	Neutral 6.0 to 9.0
<b>Boiling Point/range</b>	Similar to water
<b>Melting Point/range</b>	Similar to water
<b>Flash point</b>	Not Applicable
<b>Flammability</b>	Not flammable under normal conditions of storage and handling.
<b>Autoignition temperature</b>	Not Applicable
<b>Explosive limits</b>	Not applicable
<b>Oxidizing Properties</b>	None
<b>Vapour Pressure</b>	Similar to water
<b>Relative density</b>	0.6 to 0.8
<b>Solubility in water</b>	Soluble. Disperses in water.
<b>Solubility in solvent</b>	Not soluble
<b>Partition coefficient</b>	Not Applicable
<b>Viscosity</b>	Similar to water
<b>Vapor density</b>	Similar to water
<b>Evaporation rate</b>	Similar to water
<b>Conductivity</b>	Same as water

**10. Stability & Reactivity.**

**Stability:** Stable under normal storage and handling conditions.

**Conditions to avoid:** Accumulations of product in enclosed spaces and generation of mist. Avoid contact with oxidising chemicals.

**Materials to avoid:** Acids and Alkalies may inactivate the bacterial cultures.

**Hazardous decomposition products:** oxides of carbon and sulphur

**11. Toxicological Information.**

**Toxological effects:** Low Acute oral toxicity although ingestion will cause irritation of the gastrointestinal tract and may result in nausea and diarrhoea. May cause mild mechanical irritation to eyes, skin and mucous membranes. May cause irritation from allergic reaction, especially to people that have a history of allergic reaction.

**LD<sub>Lo</sub>**

**LD<sub>50</sub>** Greater than 2000 **oral-rat**  
mg/kg

**skin-rabbit**

**12. Ecological Information.**

**Environmental Effects:** Minimal impact under normal conditions of use and storage. The bacterial cultures are naturally occurring soil type organisms. The other components are unlikely to bioaccumulate and are biodegradable.

**Mobility:** disperses in water

**Degradability:** contents are biodegradable

**Bioaccumulative potential:** Not Likely

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**Aquatic Toxicity:** Not Known

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**13. Disposal considerations.**

**Substance:** Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

**Container:** As substance.

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**14. Transport Information.** Not regulated for transport

<b>UN number</b>	<b>Class</b>
<b>Primary Hazard</b>	<b>Subsidiary Hazard</b>
<b>Packing Group</b>	<b>Emergency Action Code</b>
<b>H.I. Number</b>	<b>Marine Pollutant</b>
<b>Proper Shipping name</b>	Water treatment compounds, bacterial culture.

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**15. Regulatory Information.**

**Label Name** NT-MAX  
**Symbols** no risk or safety phrases stipulated  
**Risk Phrases** no risk or safety phrases stipulated  
**Safety Phrases** no risk or safety phrases stipulated  
**E.C. No**

**Additional labeling:**

**Use of this material may be governed by the following regulations:-** (users are advised to consult these regulations for further information).

The information contained in this data sheet does not constitute an assessment of workplace risks.

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**16. Other Information.**

This material must not be used for direct contact with food:

Further details may be available upon request from your local Newtechbio, Inc. distribution site.

Other: The product has been shown to be free of Salmonella and Shigella using the procedures outlined by AOAC and USDA.

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