

# MATERIAL SAFETY DATA SHEET

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## SECTION I

Trade Name: **MICROBE-LIFT/SludgeAway™**  
Date Prepared: 7/06/99

## SECTION II INGREDIENTS/IDENTITY INFORMATION

Hazardous Ingredients: None

Components: Ingredients not precisely identified are non-hazardous & proprietary.  
All chemical ingredients appear on the EPA TSCA Inventory.  
Values are not product specifications.

Ingredients of <1% have been added to a non-hazardous liquid organic substrate. Active components <15% are proprietary. Water, CAS# 7732-18-5, >84%.

OSHA PEL: None  
ACGIH TLV: N/A  
Other Limits: None  
%(optional) N/A

## SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boling Point:	100 C	Specific Gravity:	1.04 approx.
Vapor Pressure:	Equivalent to water	Melting Point:	N/A
Vapor Density:	Equivalent to water	Evaporation Rate:	N/D
Solubility in Water:	99%	HIMS:	Health-1
Appearance & Odor:	Brown/Black liquid		Fire-0
	Earthy odor		Reactivity-0
PH:	Range 6.5 to 8.0		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point:	N/A	Flammable Limits:	N/A
LEL:	N/A	UEL:	N/A
Extinguishing Media:	None		
Special Fire Fighting Procedures:	N/D		
Unusual Fire & Explosion Hazards:	N/A		
Fire & Explosion Hazard Summary:	Not considered to be a fire hazard.		

N/A = Not applicable      N/D = Not determined

## SECTION V REACTIVITY DATA

Stability: (Unstable/Stable)	Stable under normal conditions.
Conditions to Avoid:	Strong acids or alkali compounds may inactivate bio cultures.
Incompatibility:	Strong acids or alkali compounds.
(materials to avoid)	
Hazardous Decomposition or Byproducts:	N/A
Hazardous Polymerization:	Will not occur.
(May occur. Will not occur)	

This is a non-toxic, nonpathogenic mixture of bacteria in a liquid media.

## SECTION VI HEALTH HAZARD DATA

Route(s) of Entry:	
Inhalation-	Will not occur.
Skin-	Prolonged contact may cause slight irritation.
Ingestion-	May cause sickness if ingested in large quantities.
Health Hazards:	None Known
(Acute & Chronic)	
Carcinogenicity:	N/A
NTP-	N/A
IARC Monographs-	N/A
OSHA Regulated-	N/A
Signs & Symptoms of Exposure:	

**Ingestion:** No effect if ingested in small amounts.

A single dose of this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, esophagus and stomach can develop.

**Eyes:** This material may cause eye irritation.

**Skin:** Slight redness on hands and forearms if individual has a history of dermal allergic reactions. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact.

Medical Conditions Generally

Aggravated by Exposure:

May cause infection if in contact with open wounds.

Emergency & First Aid Procedures:

**Ingestion:** Call poison control center.

**Eyes:** Immediately flush with water for 15 minutes.  
Seek medical attention if irritation persists.

**Skin:** Remove contaminated clothing and footwear.  
Wash with soap and water.

N/A = Not applicable

N/D = Not determined

## SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is  
released or spilled:

Flush spilled materials into sanitary or storm sewers.  
Use chemical absorbent and sweep up small spills.  
Contain and collect large spills.

Waste and Disposal Method:

Dispose of in accordance with federal, state, and local regulations.

Precautions to be taken in  
Handling and Storing:

Minimize exposure in accordance with good hygiene practice. To maintain shelf life, avoid prolonged exposure to high or low temperatures and humidity.  
Avoid temperatures above 110 F and keep from freezing.  
Keep out of reach of children

Other Precautions:

## SECTION VIII CONTROL MEASURES

Respiratory Protection (Specify Type)

None required for recommended use. Avoid creating aerosols in poorly ventilated areas.

Ventilation: Local Exhaust-

Normal

Mechanical-

N/A

general

Special-

None

Other-

None

Protective Gloves:

Rubber gloves not necessary but recommended.

Eye Protection:

Safety glasses not necessary but recommended.

Other Protective Clothing or Equipment:

As determined.

Work/Hygienic Practices:

Normal

N/A = Not applicable

N/D = Not determined

**All information contained in this MSDS is believed to be accurate based on the information available at this time. No warranties, expressed or implied, are made.**