

Symion Matrix Grease Trap and Drain Maintainer

Safety Data Sheet

1. IDENTIFICATION OF THE MIXTURE AND SUPPLIER

GHS Product Identifier:
Recommended use and restrictions:

Manufacturer: Ridgway Industries, Inc
P.O. Box 660, Darby PA 19023
800-479-9548

Symion Matrix Grease Trap Maintainer
Liquid preparation containing naturally
occurring bacterial cultures used to
maintain drains and grease traps.

Supplier:

Emergency Phone Number

PERS - 800-633-8253 Contract # 9107

2. HAZARDS IDENTIFICATION

GHS Classification	Not Classified	
GHS Label Elements		
Signal Word:	None	
Symbols:	None	
Hazard Statements:	May cause skin and eye irritation	
Precautionary Statements		
Prevention:	Avoid contact with eyes and skin.	
Response:	Wash hands thoroughly after use.	

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	Concentration Range (%)	CAS number
Benzenesulfonic acid, C10-C16, alkyl derivatives	1-5	68584-22-5
Benzene, 1-1 -oxybis-, tetrapropylene derivatives, sulfonated, sodium salts	1-5	119345-14-9
Alcohols, C9-11, ethoxylated	1-5	68439-46-3
Sodium Hydroxide	1-5	1310-73-2

4. FIRST AID MEASURES

Eye Contact:	Rinse with water for a few minutes. Consult physician if symptoms occur.		
Skin Contact:	Rinse with water. Consult physician if symptoms occur		
Inhalation:	Move to a ventilated location. Consult physician if symptoms occur.		
Ingestion:	Get medical attention if symptoms occur.		

5. FIRE FIGHTING MEASURES

FIRE & EXPLOSION PREVENTIVE MEASURES

Isolate from alkalis, oxidizers, extreme heat, and open flame.

EXTINGUISHING MEDIA

In case of fire, use appropriate extinguishing agent for surrounding fires. Carbon dioxide, dry chemical powder, alcohol resistant foam or water spray.

SPECIAL FIRE FIGHTING PROCEDURES

Wear self-contained respirator and fully protective impervious suit.

UNUSUAL EXPLOSION AND FIRE PROCEDURES

May emit hazardous fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE AND ENVIRONMENTAL PRECAUTIONS:

Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.

PERSONAL PROTECTIVE EQUIPMENT

Wear a self-contained breathing apparatus, rubber boots and gloves, and disposable coveralls. Dispose of coveralls after use.

Keep unprotected persons away.

ENVIRONMENTAL PRECAUTIONS:

Keep spills out of sewers and bodies of water. Dike and contain the spill with inert material. Absorb on sand, vermiculite or diatomite. Transfer material to a container for disposal or recovery. Ventilate area and wash spill site after material pickup is complete.

CONTAINMENT AND CLEAN-UP MEASURES:

Absorb spilled liquid with polypads or other suitable absorbent materials. If necessary, neutralize using suitable buffering material, (acid with soda ash or base with phosphoric acid), and test area with litmus paper to confirm neutralization. Clean up with non-combustible absorbent (such as: sand, soil, and so on). Shovel up and place all spill residue in suitable containers. dispose of at an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal (see Section 13 - Disposal Considerations).

7. HANDLING AND STORAGE

HANDLING:

Avoid breathing dust, vapor, mist or gas. Avoid contact with skin and eyes. Avoid prolonged or repeated exposure. Open and handle container with care. Keep ignition sources away.

STORAGE

Store in a tightly closed container in a dry, well-ventilated place.

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STORAGE TEMPERATURE:

15 – 30°C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:

The user, as part of a formal exposure risk assessment, should decide upon the provision of personal protective equipment and the need to provide engineering control measures. Based upon the available toxicological information the protective measures described below should be regarded as a minimum.

RESPIRATORY PROTECTION:

Use a NIOSH approved respirator when exposure limits are exceeded or if irritation or other symptoms are experienced..

EYE PROTECTION:

Wear goggles or safety glasses when using this product. Make sure that there is an eyewash facility in your vicinity.

SKIN PROTECTION:

Wear impervious gloves and protective clothing.

WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers. Wash at end of each shift & before eating, smoking or using the toilet. Launder clothes that have become contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	White Liquid
Odor:	Pleasant Odor
Odor threshold:	Not Available
pH:	6.5 – 8.5
Melting point/freezing point:	Not Determined
Initial boiling point and boiling range:	Not Determined
Flash point:	Not Determined
Evaporation rate:	Not Determined
Flammability (solid, gas):	Not Applicable
Upper/lower flammability or explosive limits:	Not Determined
Vapor pressure:	Equivalent to water
Vapor density:	Not Applicable
Relative density:	1.015
Solubility(ies):	Dispersible in water
Partition coefficient: n-octanol/water:	Not Determined
Autoignition temperature:	Not Determined
Decomposition temperature:	Not Determined

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperatures and pressures.

CONDITIONS TO AVOID

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Isolate from extreme heat and open flame.

MATERIALS TO AVOID

Strong oxidizing agents, acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Oxides, Sodium Oxides, Sulfur Oxides from heating.

HAZARDOUS POLYMERIZATION

Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE HAZARDS

EYE & SKIN CONTACT:

Eye and Skin irritation.

INHALATION:

May cause irritation.

SWALLOWING:

May be harmful if swallowed.

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED:

None Known.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

Not available.

MAMMALIAN TOXICITY INFORMATION

Not available.

12. ECOLOGICAL INFORMATION

Toxicity:	Not Available
Persistence and degradability:	Not Available
Bioaccumulative potential:	Not Available
Bioconcentration factor (BCF):	Not Available
Mobility in soil:	Not Available
PBT and vPvB assessment:	Not Available
Other adverse effects:	Not Available

13. DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service. Dispose in a manner consistent with federal, state and local environmental regulations.

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14. TRANSPORT INFORMATION

DOT: Not Regulated
IATA: Not Regulated
IMDG: Not Regulated

15. REGULATORY INFORMATION

United States:

Toxic Substance Control Act (TSCA): Listed
Superfund Amendments and Reauthorization Act (SARA 302): Not listed
Superfund Amendments and Reauthorization Act (SARA 311/312): Not listed
Superfund Amendments and Reauthorization Act (SARA 313): Not listed

European Union:

European Inventory of Existing Chemical Substances (EINECS): No. 246-680-4
Hazard Codes: Xn
Risk Statements: 22-37/38-41
Safety Statements: 26-27-36/37/39

Canada

Canadian Domestic Substances List (DSL): Some materials not Listed

16. OTHER INFORMATION

HAZARD RATINGS:

HEALTH (NFPA): 2, HEALTH (HMIS): 2, FLAMMABILITY: 0, PHYSICAL HAZARD: 0 (at 10x)

HEALTH (NFPA): 1, HEALTH (HMIS): 1, FLAMMABILITY: 0, PHYSICAL HAZARD: 0 (at RTU)

(Personal Protection Rating to be supplied by user based on use conditions.) This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

EMPLOYEE TRAINING

See Section 2 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

Date Prepared: 06/04/04 CD

This document is drafted based on the present state of our knowledge at the time of publication. It is given in good faith and neither implies nor expresses any warranty in regards to product quality or specification. The user must satisfy himself that the product is suitable for a given application.