

MATERIAL SAFETY DATA SHEET

MSDS 0253

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	SludgeMaster Plus	HMIS CODES	Health 2
		Flammability	2
		Reactivity	0
PRODUCT CODES	68452, 68454, 68456	PPI	B
CHEMICAL FAMILY:	Organic		
USE	Fuel Oil Treatment		
MANUFACTURER'S NAME	The RectorSeal Corporation	EMERGENCY TELEPHONE NO.	Chemtrec 24 Hours
	2601 Spenwick Drive		(800) 424-9300
	Houston, Texas 77055 USA		
DATE OF PREPARATION	September 18, 2002	TECHNICAL SERVICE TELEPHONE NO.	(800) 231-3345

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS
17.67	64742-47-8	Mineral Spirits	
		ACGIH TLV	300 ppm
		OSHA PEL	300 ppm
		OSHA STEL	400 ppm
78.41	4742-94-5	Solvent Naphtha	
		ACGIH TLV	N/D
		OSHA PEL	N/D
1.96	111-76-2	Glycol Butyl Ether	
		ACGIH TLV	25 ppm
		OSHA PEL	25 ppm

Section 3 -- HAZARDS IDENTIFICATION

SUMMARY OF ACUTE HAZARDS

Overexposure may cause coughing, shortness of breath, dizziness, central nervous system depression, intoxication and collapse. It may cause irritation

to the respiratory tract and to other mucous membranes.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION

Upper respiratory tract irritation and narcosis, CNS symptoms.

EYE CONTACT

Irritation, blurred vision.

SKIN CONTACT

Irritation, dermatitis, defatting.

INGESTION

Gastro-intestinal irritation, nausea, vomiting, diarrhea, aspiration into lungs can cause chemical pneumonitis.

SUMMARY OF CHRONIC HAZARDS

Repeated inhalation may cause dizziness, nausea and CNS effects.

Prolonged

skin contact may result in irritation and absorption.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

Section 4 -- FIRST AID MEASURES

If INHALED: If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.

If on SKIN: Immediately flush with large amounts of water; use soap if available. Remove contaminated clothing.

If in EYES: Immediately flush with large amounts of water for at least 15 minutes. Get prompt medical attention.

If SWALLOWED: If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT	LEL	UEL
127 F (52 C) SETA CC	N/D	N/D

EXTINGUISHING MEDIA

Foam, dry chemical, carbon dioxide or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus (SCBA) and other protective clothing. Hazardous decomposition products possible (see Section 10).

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Use absorbent materials to prevent footing hazard and to contain. Ventilate area with natural or explosion-proof, forced air ventilation. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

Section 7 -- HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep away from heat, sparks and open flames.

OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues and vapors; treat as if full and observe all products precautions. Do not reuse empty containers. KEEP OUT OF REACH OF CHILDREN.

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): In confined poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air purifying or supplied air respirators.

VENTILATION - LOCAL EXHAUST: Acceptable

SPECIAL: Explosion-proof equipment.

MECHANICAL (GENERAL): Preferable

OTHER: N/A

PROTECTIVE GLOVES: Wear rubber gloves.

EYE PROTECTION: Chemical splash goggles (ANSI Z-87.1 or equivalent)  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls recommended.  
WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

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Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES  
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BOILING POINT: 300-500 F @ 760mm Hg  
SPECIFIC GRAVITY (H2O = 1): 0.96  
VAPOR PRESSURE (mm Hg): N/D  
MELTING POINT: N/A  
VAPOR DENSITY (AIR = 1): 2.5  
EVAPORATION RATE (ETHYL ACETATE = 1): <1  
APPEARANCE/ODOR: Oily Amber Liquid / Petroleum Odor  
SOLUBILITY IN WATER: Slightly Soluble  
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Section 10 -- STABILITY AND REACTIVITY  
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STABILITY: Stable  
CONDITIONS TO AVOID: Heat, sparks, open flames.  
INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizers, acids and bases.  
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2, fragmented hydrocarbons.  
HAZARDOUS POLYMERIZATION: Will not occur.  
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Section 11 -- TOXICOLOGY INFORMATION  
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TOXICOLOGY DATA

Ingredient Name  
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Mineral Spirits

Intravenous-Mouse LD50:40 mg/kg  
Inhalation-Rat LC50:3400 ppm/4H

Solvent Naphtha

Oral-Rat LD50:N/D  
Inhalation-Rat LC50:N/D

Glycol Butyl Ether

Oral-Rat LD50:470 mg/kg  
Inhalation-Rat LC50:2900 mg/m3  
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Section 12 -- Ecological Information  
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ECOLOGICAL DATA

Ingredient Name  
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Mineral Spirits

Food Chain Concentration Potential: N/D  
WATERFOWL TOXICITY: N/D  
BOD: 8%, 5 days  
AQUATIC TOXICITY: N/D

Solvent Naphtha

Food Chain Concentration Potential: N/D  
WATERFOWL TOXICITY: N/D  
BOD: N/D  
AQUATIC TOXICITY: N/D

Glycol Butyl Ether

Food Chain Concentration Potential: N/D

WATERFOWL TOXICITY: N/D  
BOD: 26% 5 Day  
AQUATIC TOXICITY: 1000 ppm/24 hr/brine shrimp/TLm

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Section 13 -- DISPOSAL CONSIDERATIONS  
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Waste Classification: D001, RCRA classified hazardous waste. Dispose of absorbed materials and liquid waste in approved, controlled incineration facility in accordance with all local, state and federal regulations.  
Disposal Method: Incineration  
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Section 14 -- TRANSPORTATION INFORMATION  
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DOT: Flammable liquid, n.o.s. (Mineral Spirits & Naptha), Class 3, UN1993, PGIII, ERG#128 Quarts and less: Consumer Commodity, ORM-D  
OCEAN (IMDG): Flammable liquid, n.o.s. (Mineral Spirits & Naptha), Class 3, UN1993, PGIII, IMDG#3345, EmS#3-02  
AIR (IATA): Flammable liquid, n.o.s. (Mineral Spirits & Naptha), Class 3, UN1993, PGIII, ERG#128  
WHMIS (CANADA): Class B-2  
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Section 15 -- REGULATORY INFORMATION  
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REGULATORY DATA  
Ingredient Name  
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Mineral Spirits	SARA 313	No
	TSCA Inventory	Yes
	CERCLA RQ	N/A
	RCRA Code	N/A
Solvent Naphtha	SARA 313	No
	TSCA Inventory	Yes
	CERCLA RQ	N/A
	RCRA Code	N/A
Glycol Butyl Ether	SARA 313	Yes
	TSCA Inventory	Yes
	CERCLA RQ	N/A
	RCRA Code	N/A

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Section 16 -- OTHER INFORMATION  
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