

MATERIAL SAFETY DATA SHEET

MSDS 0222

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Foam-A-Coil	HMIS CODES	Health	:
			Flammability	(
			Reactivity)
PRODUCT CODES	82632, 82634, 82638	PPI		1
CHEMICAL FAMILY	Organic			
USE	Coil Cleaner			
MANUFACTURER'S NAME	The RectorSeal Corporation	EMERGENCY TELEPHONE NO.	Chemtrec 24 Hours	
	2601 Spenwick Drive		(800) 424-9300	
	Houston, Texas 77055 USA			
VALIDATION DATE	January 3, 2008	TECHNICAL SERVICE TELEPHONE NO.	(800) 231-3345	
REVISION DATE	January 3, 2008			

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS
1.60	102-71-6	Triethanolamine	
		ACGIH TLV	N/D
		OSHA PEL	N/D
4.70	34590-94-8	Propylene Glycol Ether	
		ACGIH TLV	100 ppm
		OSHA PEL	100 ppm
		OSHA STEL	150 ppm
1.88	6834-92-0	Sodium Metasilicate	
		ACGIH TLV	N/D
		OSHA PEL	N/D

Section 3 -- HAZARDS IDENTIFICATION

SUMMARY OF ACUTE HAZARDS

Irritation to eyes, nose, and throat; drowsiness, narcosis, tremors, and other CNS effects at high concentrations. Skin irritation, dermatitis, and defatting.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION

Nasal and respiratory irritation, dizziness, narcosis, headache, nausea, CNS depression, and unconsciousness.

EYE CONTACT

Watering, blurred vision, inflammation, and irritation which can result corneal injury.

SKIN CONTACT

Irritation dermatitis

Irritation, dermatitis.

INGESTION

Nausea, vomiting; CNS depression; irritation of gastrointestinal tract, liver and peritoneal wall; lung congestion.

SUMMARY OF CHRONIC HAZARDS

Skin irritation, contact dermatitis, and defatting.

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 wash with soap and water. Remove and wash any contaminated clothing.
- If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention if irritation persists.
- If SWALLOWED: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

=====
Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT	LEL	UEL
None	N/D	N/D

EXTINGUISHING MEDIA

Use agents suitable for surrounding fires.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full face piece breathing apparatus and full body protective clothing. Hazardous decomposition products possible (see Section 10). Evacuate area. Dike area as run-off may create additional environmental contamination.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

=====
Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use absorbent materials to prevent footing hazard and to contain. 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 container closed and upright when not in use. Do not store near heat, sparks, or 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 area
use NIOSH/MSHA approved air purifying or supplied air respirator.
VENTILATION - LOCAL EXHAUST: Acceptable
SPECIAL: N/A
MECHANICAL (GENERAL): Acceptable
OTHER: N/A
PROTECTIVE GLOVES: Wear rubber gloves.
EYE PROTECTION: Safety glasses (ANSI Z-87.1 or equivalent)
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Chemical resistant coveralls
recommended.
WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed
areas thoroughly before eating, drinking, smoking, or leaving work area.
Laundry contaminated clothing before reuse.
=====

Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: >212 F (100 C) @ 760mm Hg
SPECIFIC GRAVITY (H2O = 1): 0.99
VAPOR PRESSURE (mm Hg): N/D
MELTING POINT: N/A
VAPOR DENSITY (AIR = 1): <1
EVAPORATION RATE (ETHYL ACETATE = 1): >1
APPEARANCE/ODOR: Green Liquid / Mild Odor
SOLUBILITY IN WATER: Soluble
=====

Section 10 -- STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: Heat, sparks, open flames, and strong oxidizers.
INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizers, acids and bases.
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2, and fragmented hydrocarbons.
HAZARDOUS POLYMERIZATION: Will not occur.
=====

Section 11 -- TOXICOLOGY INFORMATION

CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA

Ingredient Name

Triethanolamine
Oral-Rat LD50:8 g/kg
Inhalation-Rat LC50:N/D
Propylene Glycol Ether
Oral-Rat LD50:5660 mg/kg
Inhalation-Rat LC50:N/D
Sodium Metasilicate
Oral-Rat LD50:1153 mg/kg
Inhalation-Rat LC50:N/D
=====

Section 12 -- Ecological Information

ECOLOGICAL DATA

Ingredient Name

Triethanolamine

Food Chain Concentration Potential	None
WATERFOWL TOXICITY	N/A
BOD	1%
AQUATIC TOXICITY	>100 ppm/48 hr/shrimp/LC50

Propylene Glycol Ether

Food Chain Concentration Potential	N/A
WATERFOWL TOXICITY	N/A
BOD	N/A
AQUATIC TOXICITY	N/A

Sodium Metasilicate

Food Chain Concentration Potential	None
WATERFOWL TOXICITY	N/A
BOD	None
AQUATIC TOXICITY	2320 ppm/96 hr/mosquito fish/TM

Section 13 -- DISPOSAL CONSIDERATIONS

Waste Classification: Non-regulated liquid waste

Disposal Method: Dispose of all liquid waste in accordance with all local, state and federal regulations.

Section 14 -- TRANSPORTATION INFORMATION

DOT: Non-regulated

OCEAN (IMDG): Non-regulated

AIR (IATA): Non-regulated

WHMIS (CANADA): Non-regulated

Section 15 -- REGULATORY INFORMATION

REGULATORY DATA

Ingredient Name

Triethanolamine

SARA 313	No
TSCA Inventory	Yes
CERCLA RQ	N/A
RCRA Code	N/A

Propylene Glycol Ether

SARA 313	No
TSCA Inventory	Yes
CERCLA RQ	N/A
RCRA Code	N/A

Sodium Metasilicate

SARA 313	No
TSCA Inventory	Yes
CERCLA RQ	N/A
RCRA Code	N/A

Section 16 -- OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith but no warranty, expressed or implied is made. Consult RectorSeal for further information: (713) 263-8001