

SAFETY DATA SHEET

SDS 0045

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

	HMIS CODES	
PRODUCT NAME	Health	1
Break-Out	Flammability	1
	Reactivity	0
PRODUCT CODES	PPI	B
73551, 73431, 73333, 73271,73361		
CHEMICAL FAMILY		
Organic		
USE		
Lubricant		
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.	
The RectorSeal Corporation	Chemtrec 24 Hours	
2601 Spenwick Drive	(800)424-9300 USA	
Houston, Texas 77055 USA	(703)527-3887 International	
DATE OF VALIDATION	TECHNICAL SERVICE TELEPHONE NO.	
January 23, 2015	(800)231-3345 or (713)263-8001	
DATE OF PREPARATION		
November 13, 2012		

Section 2 -- HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS: None

HEALTH HAZARDS

Acute Toxicity:

Oral: Not Classified

Dermal: Not Classified

Inhalation: Not Classified

Skin Corrosion/Irritation: Not Classified

Serious Eye Damage/Eye Irritation: Not Classified

Respiratory or Skin Sensitization: Not Classified

Germ Cell Mutagenicity: Not Classified

Carcinogenicity: Not Classified

Reproductive Toxicology: Not Classified

Target Organ Systemic Toxicity - Single Exposure: Not Classified

Target Organ Systemic Toxicity - Repeated Exposure: Not Classified

Aspiration Toxicity: Not Classified

ENVIRONMENTAL HAZARDS

Hazardous to the Aquatic Environment: Not Classified

Acute aquatic toxicity: Not Classified

Chronic aquatic toxicity: Not Classified

Bioaccumulation potential: Not Classified

Rapid degradability: Not Classified

GHS Label elements, including precautionary statements

Pictogram: None

Signal Word: None

Hazard Statements: None

Precautionary Statements:

P102 - Keep out of reach of children.

P264 - Wash hands thoroughly after handling.

SUMMARY OF ACUTE HAZARDS

Repeated contact may cause skin irritation.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION

None

EYE CONTACT

Irritation, blurred vision.

SKIN CONTACT

Irritation, dermatitis, defatting.

INGESTION

Gastro-intestinal irritation, nausea, vomiting and diarrhea.

SUMMARY OF CHRONIC HAZARDS

Prolonged skin contact may result in irritation and absorption.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None known.

Section 3 -- COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Petroleum Oil

PERCENTAGE BY WEIGHT: 50-70

CAS#: 64741-96-4

EC#: 265-097-6

INGREDIENT: Copper Flakes

PERCENTAGE BY WEIGHT: 15 Max

CAS#: 7440-50-8

EC#: 231-159-6

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.
- 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
466 F (241 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: Use absorbent materials to prevent footing hazard and to contain. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing 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 product precautions. Do not reuse empty containers. KEEP OUT OF REACH OF CHILDREN.

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT	UNITS
Petroleum Oil	
ACGIH TLV	5 mg/m3
OSHA PEL	5 mg/m3

Copper Flakes	
ACGIH TLV	1 mg/m3
OSHA PEL	1 mg/m3

RESPIRATORY PROTECTION (SPECIFY TYPE): None required.
VENTILATION - LOCAL EXHAUST: Acceptable
SPECIAL: N/A
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.

Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	624 F (329 C) @ 760mm Hg
SPECIFIC GRAVITY (H2O = 1):	1.20
VAPOR PRESSURE (mm Hg):	0.01 @ 68 F (20 C)
MELTING POINT:	N/A
VAPOR DENSITY (AIR = 1):	<1
EVAPORATION RATE (ETHYL ACETATE = 1):	<1
APPEARANCE/ODOR:	Copper / Petroleum Odor
SOLUBILITY IN WATER:	Insoluble
FLASH POINT	466 F (241 C) SETA CC
LOWER EXPLOSION LIMIT	N/D
UPPER EXPLOSION LIMIT	N/D
VOLATILE ORGANIC COMPOUNDS(VOC)Content (Theoretical Percentage By Weight):	0% or (0 g/L)

Section 10 -- STABILITY AND REACTIVITY

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.

Section 11 -- TOXICOLOGY INFORMATION

TOXICOLOGY DATA
Ingredient Name

Petroleum Oil	Oral-Rat LD50:N/D Inhalation-Rat LC50:N/D
Copper Flakes	Oral-Rat LD50:N/D Oral-Rat TDLo:152 mg/kg (22W pre)

Section 12 -- Ecological Information

ECOLOGICAL DATA
Ingredient Name

Petroleum Oil

Food Chain Concentration Potential: N/D

WATERFOWL TOXICITY: N/D

BOD: N/D

AQUATIC TOXICITY: N/D

Copper Flakes

Food Chain Concentration Potential: N/D

WATERFOWL TOXICITY: N/D

BOD: N/D

AQUATIC TOXICITY: N/D

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Section 13 -- DISPOSAL CONSIDERATIONS
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Waste Classification: Non-regulated waste oil. Dispose of in accordance with all local, state and federal regulations.

Disposal Method: Used oil recycler
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Section 14 -- TRANSPORTATION INFORMATION
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DOT: Non-regulated

OCEAN (IMDG): Non-regulated

AIR (IATA): Non-regulated

WHMIS (CANADA): Non-regulated
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Section 15 -- REGULATORY INFORMATION
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REGULATORY DATA

Ingredient Name
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Petroleum Oil

SARA 313 No

TSCA Inventory Yes

CERCLA RQ N/A

RCRA Code N/A

Copper Flakes

SARA 313 Yes

TSCA Inventory Yes

CERCLA RQ 5,000 lb.

RCRA Code N/A
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Section 16 -- OTHER INFORMATION
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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