



A CSW Industrials Company

## SAFETY DATA SHEET

### **CLEAN-N-SAFE™** Coil cleaner

## SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product name  
Clean-N-Safe Coil Cleaner

Product Codes  
83782, 83784, 83785, 83795

Chemical Family  
Organic/Inorganic

Use  
Coil Cleaner

Manufacturer's Name  
RectorSeal LLC  
2601 Spenwick Drive  
Houston, Texas 77055 USA

Date of validation  
December 30, 2019

Date of Preparation  
December 30, 2019

HMIS Codes  
Health 2  
Flammability 2  
Reactivity 0  
PPI B

Emergency Telephone No.  
Chemtrec 24 Hours  
(800) 424-9300 USA  
(703) 527-3887 International

Technical Service Telephone No.  
(800) 231-3345 or (713) 263-8001

## SECTION 2 - HAZARDS IDENTIFICATION

### **GHS Classification**

**Physical Hazards**  
Combustible Liquid

#### **HEALTH HAZARDS**

Acute Toxicity  
Oral: Not Classified  
Dermal: Not Classified  
Inhalation: Not Classified  
Skin Corrosion/Irritation: Category 2  
Serious Eye Damage/Eye Irritation: Category 1  
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

## GHS Label elements, including precautionary statements



GHS05: Corrosive  
Signal Word: Danger

### Hazard Statements:

H227 - Combustible liquid  
H315 - Causes skin irritation.  
H318 - Causes serious eye damage.

### Precautionary Statements:

P102 - Keep out of reach of children.  
P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
P262 - Do not get in eyes, on skin, or on clothing.  
P264 - Wash face, hands and any exposed skin thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

### Response:

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P303 + P361 + P363 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash before reuse. Rinse skin with water/shower.  
P332: If skin irritation occurs: Get medical advice/attention.  
P301 + P312 + P330 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.  
P370 - In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.  
EUH066 - Repeated exposure may cause skin dryness or cracking.

### Storage:

P403 + P235: Store in a well-ventilated place. Keep cool.

### Disposal:

P501 - Dispose of contents/ container to an approved waste disposal plant.

## 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 in corneal injury.

**SKIN CONTACT** - 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 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredient:</b>	Polyethylene glycol octylphenyl ether (Surfactant)
Percentage By Weight:	1-5
CAS Number:	9036-19-5
EINEC:	N/D
<b>Ingredient:</b>	Dipropylene glycol monomethyl ether
Percentage By Weight:	10-15
CAS Number:	34590-94-8
EINECS:	252-104-2
<b>Ingredient:</b>	Ethoxylated decyl alcohol, phosphate ester (Surfactant)
Percentage By Weight:	1-5
CAS Number:	Proprietary
EINECS:	Proprietary

### 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

#### **Extinguishing media**

Foam, dry chemical, CO<sub>2</sub>, or water fog.

#### **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**

Foam or water can cause frothing. Heat may build up pressure and rupture containers.

## 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:

Shake well before using. Keep away from heat, sparks and open flames.

### Other precautions:

Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions. Do not reuse empty containers.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	Units
<b>Polyethylene glycol octylphenyl ether</b>	
ACGIH TLV	N/D
OSHA PEL	N/D

<b>Dipropylene glycol monomethyl ether</b>	
ACGIH TLV	100 ppm
OSHA PEL	100 ppm

<b>Ethoxylated decyl alcohol, phosphate ester</b>	
ACGIH TLV	N/D
OSHA PEL	N/D

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

**VENTILATION - LOCAL EXHAUST:** Acceptable

**SPECIAL:** Explosion proof

**MECHANICAL (GENERAL):** Preferable

**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. Launder contaminated clothing before reuse.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: >212 F (100 C) @ 760mm Hg  
SPECIFIC GRAVITY (H2O = 1): 1.04  
VAPOR PRESSURE (mm Hg): N/D  
MELTING POINT: N/A  
VAPOR DENSITY (AIR = 1): <1  
EVAPORATION RATE (ETHYL ACETATE = 1): >1  
APPEARANCE/ODOR: Clear Liquid / Mild Odor  
SOLUBILITY IN WATER: Soluble  
FLASH POINT: 176F (80C) SETA CC  
LOWER EXPLOSION LIMIT: N/D  
UPPER EXPLOSION LIMIT: N/D

## SECTION 10 - STABILITY AND REACTIVITY

**Stability:**

Stable

**Conditions to avoid:**

None

**Incompatibility (materials to avoid):**

Oxidizers, acids and bases.

**Hazardous decomposition products:**

CO, CO<sub>2</sub>, 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

Polyethylene glycol octylphenyl ether

Oral-Rat LD50: 4190 mg/kg

Inhalation-Rat LC50: N/D

Dipropylene glycol monomethyl ether

Oral-Rat LD50: 5135 mg/kg

Inhalation-Rat LC50: N/D

Ethoxylated decyl alcohol, phosphate ester

Oral-Rat LD50: 1153 mg/kg

Inhalation-Rat LC50: N/D

## SECTION 12 - ECOLOGICAL INFORMATION

### Ecology Data:

Ingredient name

Polyethylene glycol octylphenyl ether

Food Chain Concentration Potential N/D

Waterfowl Toxicity N/D

BOD N/D

Aquatic Toxicity N/D

Dipropylene glycol monomethyl ether

Food Chain Concentration Potential N/D

Waterfowl Toxicity N/D

BOD N/D

Aquatic Toxicity N/D

Ethoxylated decyl alcohol, phosphate ester

Food Chain Concentration Potential N/D

Waterfowl Toxicity N/D

BOD N/D

Aquatic Toxicity N/D

## 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):	N/A

## SECTION 15 - REGULATORY INFORMATION

### Regulatory Data

<b>Ingredient</b>	Polyethylene glycol octylphenyl ether
SARA 313	No
TSCA Inventory	Yes
CERCLA RQ	N/A
RCRA Code	N/A
<b>Ingredient</b>	Dipropylene glycol monomethyl ether
SARA 313	No
TSCA Inventory	Yes
CERCLA RQ	N/A
RCRA Code	N/A
<b>Ingredient</b>	Ethoxylated decyl alcohol, phosphate ester
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