



## SAFETY DATA SHEET

### CLEAN-N-SAFE™ Condenser & evaporator 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**

The RectorSeal Corporation  
2601 Spenwick Drive  
Houston, Texas 77055 USA

**Date of Validation**

January 23, 2015

**Date of Preparation**

July 25, 2012

**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**

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

## GHS Label elements, including precautionary statements



GHS07: Harmful/Irritant  
Signal Word: **Warning**

### Hazard Statements

H303 - May be harmful if swallowed.  
H313 - May be harmful in contact with skin.  
H335 + H336 - May cause respiratory irritation, and drowsiness or dizziness.

### Precautionary Statements

P102 - Keep out of reach of children.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P262 - Do not get in eyes, on skin, or on clothing.  
P264 - Wash hands thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P362 - Take off contaminated clothing and wash before reuse.

EUH066 - Repeated exposure may cause skin dryness or cracking

Precautionary Statements - EU No. 1272/2008

## 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>	Octylphenoxypolyethoxyethanol
Percentage By Weight:	--
CAS Number:	9036-19-5
EINEC:	N/D
<b>Ingredient:</b>	Dipropylene glycol monomethyl ether
Percentage By Weight:	--
CAS Number:	34590-94-8
EINECS:	252-104-2
<b>Ingredient:</b>	Sodium Metasilicate
Percentage By Weight:	--
CAS Number:	6834-92-0
EINECS:	229-912-9

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 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.

KEEP OUT OF REACH OF CHILDREN.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	Units
<b>Octylphenoxyethoxyethanol</b>	
ACGIH TLV:	N/D
OSHA PEL:	N/D
<b>Dipropylene glycol monomethyl ether</b>	
ACGIH TLV:	100 ppm
OSHA PEL:	100 ppm
<b>Sodium Metasilicate</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 respirator.

**Ventilation – Local Exhaust:** Acceptable.

**Special:** Explosion-proof equipment.

**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. 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 (mmHg):	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:	145°F (63°C) 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 Lister carcinogen.

Toxicology Data

Ingredient Name

**Octylphenoxypolyethoxyethanol**

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

**Sodium Metasilicate**

Oral-Rat LD50:	1153 mg/kg
Inhalation-Rat LC50:	N/D

SECTION 12 – ECOLOGICAL INFORMATION

**Ecological Data**

Ingredient Name:	<b>Octylphenoxypolyethoxyethanol</b>
Food Chain Concentration Potential	N/D
Waterfowl Toxicity	N/D
BOD	N/D
Aquatic Toxicity	N/D
Ingredient Name:	<b>Dipropylene glycol monomethyl ether</b>
Food Chain Concentration Potential	N/D
Waterfowl Toxicity	N/D
BOD	N/D
Aquatic Toxicity	N/D
Ingredient Name:	<b>Sodium Metasilicate</b>
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 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**

Ingredient Name: **Octylphenoxypolyethoxyethanol**  
 SARA 313 No  
 TSCA Inventory Yes  
 CERCLA RQ N/A  
 RCRA Code N/A

Ingredient Name: **Dipropylene glycol monomethyl ether**  
 SARA 313 No  
 TSCA Inventory Yes  
 CERCLA RQ N/A  
 RCRA Code N/A

Ingredient Name: **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