SAFETY DATA SHEET

CLEAN-N-SAFE™

Condenser & evaporator coil cleaner

Section 1 – Product and Company Information

Product Name
Clean-N-Safe™ Aerosol Coil Cleaner

Product Codes
83780

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
May 28, 2013

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



GHS04: Compressed Gas Cylinder
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

Ingredient:	Octylphenoxypolyethoxyethanol
Percentage By Weight:	--
CAS Number:	9036-19-5
EINEC:	N/D
Ingredient:	Dipropylene glycol monomethyl ether
Percentage By Weight:	--
CAS Number:	34590-94-8
EINECS:	252-104-2
Ingredient:	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

Use extinguishing agents appropriate for surrounding fires.

Unusual Fire And Explosion Hazards: Aerosol cans are under pressure – exposure to temperatures above 120°F (48°C) can cause bursting or "rocketing" of cans.

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. Prolonged exposure to direct sunshine or storage above 120°F (48°C) may cause can to burst. Do not puncture or incinerate can.

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.

KEEP OUT OF REACH OF CHILDREN.

Section 8 – Exposure Controls/Personal Protection

Ingredient	Units
Octylphenoxypolyethoxyethanol	
ACGIH TLV:	N/D
OSHA PEL:	N/D
Dipropylene glycol monomethyl ether	
ACGIH TLV:	100 ppm
OSHA PEL:	100 ppm
Sodium Metasilicate	
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: None.

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 (H20 = 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
Aerosol Flame Extension:	Negative
NFPA Aerosol Level:	1
Lower explosion limit:	N/D
Upper explosion limit:	N/D

Section 10 – Stability and Reactivity

Stability: Stable

Conditions To Avoid: Do not store in temperatures above 120°F (48°C.)

Incompatibility (Materials To Avoid): None known.

Hazardous Decomposition Products: None known.

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:	**Octylphenoxypolyethoxyethanol**
Food Chain Concentration Potential	N/D
Waterfowl Toxicity	N/D
BOD	N/D
Aquatic Toxicity	N/D

Ingredient Name:	**Dipropylene glycol monomethyl ether**
Food Chain Concentration Potential	N/D
Waterfowl Toxicity	N/D
BOD	N/D
Aquatic Toxicity	N/D

Ingredient Name:	**Sodium Metasilicate**
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:	Consumer Commodity, ORM-D
Ocean (IMDG):	UN1950, Aerosols, 2, Ltd Qty or Limited Quantity, EmS No. F-D, S-U
Air (IATA):	UN1950, Aerosols, 2.2, ERG#126

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