A CSW Industrials Company

SAFETY DATA SHEET

CLEAN-N-SAFE™ AEROSOL

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
RectorSeal LLC
2601 Spenwick Drive
Houston, Texas 77055 USA

Date of validation
December 4, 2019

Date of Preparation
December 4, 2019

HMIS Codes

Health	2
Flammability	4
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
Aerosols

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: Exclamation mark
GHS04: Gas cylinder
Signal Word: Warning

Hazard Statements:

H319 - Causes serious eye irritation.
H280 - Contains gas under pressure; may explode if heated.

Precautionary Statements:

PREVENTION:

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.
P271 - Use only outdoors or in a well-ventilated area.
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.
P337+313 - If eye irritation persists get medical advice/attention.
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.
P362 - Take off contaminated clothing and wash before reuse.
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.

STORAGE:

P410+403: Protect from sunlight. Store in a well-ventilated place.

DISPOSAL:

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

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:	1-2
CAS Number:	9036-19-5
EINEC:	N/D
Ingredient:	Dipropylene glycol monomethyl ether
Percentage By Weight:	1-3
CAS Number:	34590-94-8
EINECS:	252-104-2
Ingredient:	Sodium Metasilicate
Percentage By Weight:	1-2
CAS Number:	6834-92-0
EINECS:	229-912-9
Ingredient:	Ethoxylated decyl alcohol, phosphate ester
Percentage By Weight:	1
CAS Number:	Proprietary
EINECS:	Proprietary
Ingredient:	Propane
Percentage By Weight:	2
CAS Number:	74-98-6
EINECS:	200-827-9
Ingredient:	N-butane
Percentage By Weight:	6
CAS Number:	106-97-8
EINECS:	203-448-7

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
Use extinguishing agents appropriate for surrounding fires.

Unusual fire and explosion hazards
Aerosol cans are under pressure - exposure to temperatures above 120F 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 120F 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.

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:	>212F (100C) @ 760mm Hg
SPECIFIC GRAVITY (H20 = 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:	145F (63C) 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 120F.

Incompatibility (materials to avoid):
None known

Hazardous decomposition products:
None known

Hazardous polymerization:
Will not occur.

Section 11 - Toxicology Information

Chronical Health Hazards:
No ingredient in this product is an IARC, NTP, or OSHA listed 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

Ecology Data:
Ingredient name

Octylphenoxypolyethoxyethanol	
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
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 all local, state and federal regulations.

Section 14 - Transportation Information

DOT: Consumer Commodity, ORM-D

OCEAN (IMDG): UN1950, Aerosols, 2.2, 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	Octylphenoxypolyethoxyethanol
SARA 313	No
TSCA Inventory	Yes
CERCLA RQ	N/A
RCRA Code	N/A

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

Ingredient	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