



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

Ingredient:	Polyethylene glycol octylphenyl ether (Surfactant)
Percentage By Weight:	1-5
CAS Number:	9036-19-5
EINEC:	N/D
Ingredient:	Dipropylene glycol monomethyl ether
Percentage By Weight:	10-15
CAS Number:	34590-94-8
EINECS:	252-104-2
Ingredient:	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, CO₂, 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
Polyethylene glycol octylphenyl ether	
ACGIH TLV	N/D
OSHA PEL	N/D

Dipropylene glycol monomethyl ether	
ACGIH TLV	100 ppm
OSHA PEL	100 ppm

Ethoxylated decyl alcohol, phosphate ester	
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, 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

Ingredient	Polyethylene glycol octylphenyl ether
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	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