

Coil Clear

MSDS Number: W9404F

Revision Date: 5/28/2015

Page 1 of 6

1	PRODUCT AND COMPANY IDENTIFICATION
----------	---

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

Contact: Ligia M. Hernandez
Phone: 504-733-1152
Fax: 504-733-2218
Web: www.wechem.com

Product Name: Coil Clear
Revision Date: 5/28/2015
MSDS Number: W9404F
Product Code: W9404
Product Use: Coil Cleaner Maintainer

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

2	HAZARDS IDENTIFICATION
----------	-------------------------------

Route of Entry: Ingestion, skin, eyes
Target Organs: NA
Inhalation: No adverse reaction expected.
Skin Contact: May cause severe irritation.
Eye Contact: Danger : Corrosive. Causes irreversible eye damage.
Ingestion: May be harmful if swallowed.

PERSONAL PROTECTION INDEX																
A												G				
B												H				
C												I				
D												J				
E												K				
F												X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions			
A		n		o		p		q		r		s		Additional Information		
t		u		w		y		z								

Coil Clear

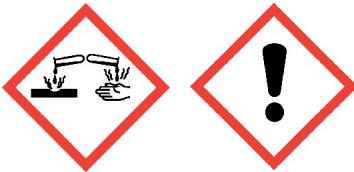
MSDS Number: W9404F

Revision Date: 5/28/2015

Page 2 of 6

GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

Health, Acute toxicity, 4 Oral
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 1
Environmental, Hazards to the aquatic environment - Acute, 2

GHS Phrases:

H302 - Harmful if swallowed
H315 - Causes skin irritation
H318 - Causes serious eye damage
H401 - Toxic to aquatic life

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P233 - Keep container tightly closed.
P262 - Do not get in eyes, on skin, or on clothing.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing.

P309+311 - IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.
P403+233 - Store in a well ventilated place. Keep container tightly closed.

Coil Clear

MSDS Number: W9404F

Revision Date: 5/28/2015

Page 3 of 6

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
68424-85-1	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	<5%	NA	NA	D
68424-95-3	Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	<5%	NA	NA	D
7173-51-5	1-Decanaminium, N-decyl-N,N-dimethyl-, chloride	<5%	NA	NA	D
5538-94-3	1-Octanaminium, N,N-dimethyl-N-octyl-, chloride	<5%	NA	NA	D

4 FIRST AID MEASURES

Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention.
Skin Contact:	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get immediate medical advice/attention.
Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get immediate medical advice/attention.
Ingestion:	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

5 FIRE FIGHTING MEASURES

Flammability:	Not determined
Flash Point:	>201 Deg F (>93.9 Deg C)
Flash Point Method:	PMCC

Extinguishing media: Foam, dry chemical, carbon dioxide, water

Special fire fighting procedures: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA) with a full face piece operated in positive pressure mode.

Unusual Fire & Explosion Hazards: None

Coil Clear

MSDS Number: W9404F

Revision Date: 5/28/2015

Page 4 of 6

6

ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Avoid any contact with the skin and eyes.

Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Scoop up material and place in a disposal container. Provide ventilation.

7

HANDLING AND STORAGE

Handling Precautions:

Do not get in eyes, on skin, or on clothing. Avoid breathing vapors or mists. Handle and open container with care. When using do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practices. Keep out of reach of children.

Do not reuse or refill empty container. Triple rinse (or equivalent) container before disposal.

Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking or using toilet facilities.

Storage Requirements:

Store in a cool dry place . Store in a tightly closed container in an area inaccessible to children.

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

Do not reuse or refill empty container. Triple rinse (or equivalent) container before disposal.

Avoid freezing or excessive heat.

8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal Protective Equip:

HMIS PP, X | Consult your supervisor for special instructions

HMIS PP, B | Goggles, Gloves

Respiratory Protection: None needed. Otherwise, use a NIOSH-approved respirator in poorly ventilated areas or when permissible exposure limits may be exceeded..

Protective gloves: Rubber/impervious

Eye protection: Safety glasses/Chemical goggles with face shield

Do not eat, smoke, or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

Coil Clear

MSDS Number: W9404F

Revision Date: 5/28/2015

Page 5 of 6

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear , reddish-pink	Odor:	Lavender
Physical State:	Liquid	Solubility:	Complete
Spec Grav./Density:	(H2O=1): 1.007 +/- 0.05	Flash Point:	>201 Deg F (>93.9 Deg C)
Boiling Point:	200 Deg. F (93.3 Deg. C)	Vapor Density:	(Air=1): >1
Flammability:	Non-Flammable		
pH:	6.5 +/- 1		
Evap. Rate:	Slower than Ethyl Ether (estimated)		

10 STABILITY AND REACTIVITY

Stability:	Stable. No dangerous reaction known under conditions of normal use.
Conditions to Avoid:	Contact with strong oxidizing agents
Materials to Avoid:	Strong oxidizing agents, anionic compounds
Hazardous Decomposition:	Oxides of nitrogen and ammonia
Hazardous Polymerization:	Will not occur

11 TOXICOLOGICAL INFORMATION

Data summary for the components are as follows:

Quaternary ammonium compounds,benzyl-c12-16-alkyldimethyl, (68424-85-1)
chlorides

Oral LD50 426 mg/kg (Rat)

Oral LD50 919 mg/kg (Mouse)

1-Decanaminium,N-decyl-N,N-dimethyl-,chloride (7173-51-5)

Oral LD50 84 mg/kg (Rat)

Oral LD50 268 mg/kg (Mouse)

Calculated overall Chemical Acute Toxicity Values:

Inhalation LC50 >20 mg/L, 4hr (Rat)

Oral LD50 >2000 mg/kg (Rat)

Dermal LD50 >2000 mg/kg (Rabbit)

This product is not classified as a carcinogen or a mutagen.

Coil Clear

MSDS Number: W9404F

Revision Date: 5/28/2015

Page 6 of 6

12

ECOLOGICAL INFORMATION

Product is toxic to fish and may cause long-term adverse effects in the aquatic environment in containers greater than 1 gallon.

This product is biodegradable.

13

DISPOSAL CONSIDERATIONS

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container promptly after emptying. Dispose of according to local, regional, national, international regulations.

14

TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated

15

REGULATORY INFORMATION**COMPONENT / (CAS/PERC) / CODES**

*Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424851 <5%) TSCA

*Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides (68424953 <5%) TSCA

*1-Decanaminium, N-decyl-N,N-dimethyl-, chloride (7173515 <5%) TSCA

*1-Octanaminium, N,N-dimethyl-N-octyl-, chloride (5538943 <5%) TSCA

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

16

OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as carcinogen or potential carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal Data only
N/A = Not available N/D = Not determined