

Crude Wash

MSDS Number: S850B

Revision Date: 4/8/2014

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

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Product Name: Crude Wash
Revision Date: 4/8/2014
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Product Code: S850

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

2 HAZARDS IDENTIFICATION

Route of Entry: Inhalation, ingestion, eye, skin
Target Organs: NA
Inhalation: May cause irritation of nose, throat and central nervous system.
Skin Contact: Prolonged contact can cause irritation, drying and cracking
Eye Contact: Repeated contact can cause irritation and reddening.
Ingestion: Irritation of digestive tract and central nervous system effects.

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	
t		u		w		y		z		Additional Information			

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GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

Health, Skin corrosion/irritation, 2
 Health, Serious Eye Damage/Eye Irritation, 2 B
 Health, Specific target organ toxicity - Single exposure, 3
 Health, Acute toxicity, 4 Oral
 Health, Carcinogenicity, 1
 Physical, Flammable Liquids, 4

GHS Phrases:

H315 - Causes skin irritation
 H320 - Causes eye irritation
 H335 - May cause respiratory irritation
 H302 - Harmful if swallowed
 H350 - May cause cancer
 H227 - Combustible liquid

GHS Precautionary Statements:

P301 - IF SWALLOWED: _Prevent aspiration of vomit
 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.
 P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
 P271 - Use only outdoors or in a well-ventilated area.

3	COMPOSITION/INFORMATION ON INGREDIENTS
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Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
N/A	Glycol/Surfactant Blend	Trade Secret	NA	NA	D
64742945	Solvent Naphtha	>60	17	17	D
91-20-3	Naphthalene	<9%	10	10	A,B
95-63-6	1,2,4-Trimethylbenzene	<1.5%	25	25	D

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4 FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical advice/attention.
- Skin Contact:** Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical advice/attention.
- Eye 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:** 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:** Combustible
- Flash Point:** 160 - 165 Deg. F.
- Flash Point Method:** PMCC
- Burning Rate:** ND
- Autoignition Temp:** ND
- LEL:** ND
- UEL:** ND

Extinguishing media: Foam, dry chemical, carbon dioxide

Special Fire fighting procedures: Use self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

Unusual Fire & Explosion Hazard: None known

6 ACCIDENTAL RELEASE MEASURES

Absorb with suitable medium.

7 HANDLING AND STORAGE

- Handling Precautions:** Handle all containers carefully. Store in a dry cool area, away from sparks and open flame.
- Storage Requirements:** Handle all containers carefully. Store in a dry, cool area away from sparks and open flame. Keep out of reach of children.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** Ventilation Requirement: Local exhaust/ Mechanical
- Personal Protective Equip:** HMIS PP, B | Goggles, Gloves
Respiratory Protection: Use NIOSH approved respirator
Protective gloves: Rubber/ Neoprene
Eye protection: Goggles/ safety glasses

Hygienic work practices: Wash with soap and water before handling food.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless liquid	Odor:	Petroleum
Physical State:	Liquid	Molecular Formula:	NA
Particle Size:	NA	Solubility:	Complete
Spec Grav./Density:	(H2O=1): 0.91+/- 0.05	Softening Point:	NA
Viscosity:	NA	Percent Volatile:	NA
Sat. Vap. Conc.:	NA	Heat Value:	NA
Boiling Point:	NA	Freezing/Melting Pt.:	NA
Flammability:	Combustible	Flash Point:	160 - 165 Deg. F.
Vapor Pressure:	ND	Octanol:	NA
pH:	NA	Vapor Density:	(Air=1): ND
Evap. Rate:	NA	VOC:	~ 90 %
Molecular weight:	NA	Bulk Density:	NA

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STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	NA
Materials to Avoid:	Strong oxidizers
Hazardous Decomposition:	Ammonia oxides of carbon and nitrogen
Hazardous Polymerization:	Will not occur

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TOXICOLOGICAL INFORMATION

Data for the components of this material is summarized as follows:

solvent naphtha, petroleum, heavy arom. (64742-94-5)
 Inhalation- LC50>590mg/m³ 4 h (Rat)
 Oral- LD50 >5000 mg/kg (Rat)
 Dermal- LD50> 2000 mg/kg (Rabbit)

Glycol/surfactant Blend (CAS# Mixture)
 Glycol
 Oral LD50 5.4 ml/kg (Rat)
 Dermal LD50>20ml/kg (Rabbit)

surfactant Blend
 LD50 >1400 mg/kg (Rat)

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ECOLOGICAL INFORMATION

Data for the components of this material is summarized as follows:

Solvent naphtha, petroleum, heavy arom. (64742-94-5)

Ecotoxicity

Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Degradability

Inherently Biodegradable

Glycol/surfactant blend (CAS# Mixture)

Glycol

Material is practically non-toxic to aquatic organisms on an acute basis

LC50 or EC50 > 100 mg/L

Acute LC50 > 150 mg/L emerald shiner (*Notropis atherinoides*)

Acute LC50 > 10000 mg/L fathead minnow (*Pimephales promelas*)

Acute LC50 1919 mg/L water flea *Daphnia*

The 21-day no observed effect concentration level (NOEC) (reproduction) in water flea *Daphnia magna* is > 0.5 mg/L

Maximum acceptable toxicant concentration (MATC) in water flea *Daphnia magna* is > 0.5 mg/L

Growth inhibition threshold in bacteria is 4168 mg/L.

Growth inhibition EC50 in green alga *Selenastrum capricornutum* is > 969 mg/L

Bioconcentration potential is low (BCF less than 100 or Log Pow less than 3)

Material is readily biodegradable: Passes OECD test(s) for ready biodegradability.

Biodegradation reached in Modified OECD Screening Test (OECD Test No. 301E) after 28 days: 72.9%

Biodegradation reached in Manometric Respirometry Test (OECD Test No. 301F) after 28 days: 75%

Surfactant Blend

LC50 1-10 mg/l 96 h Fathead minnow (*Pimephales promelas*)

EC50 1-10 mg/l 48 h *Daphnia magna*

EC50 1-10 mg/l 96 h Algae

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DISPOSAL CONSIDERATIONS

Dispose of according to local, state, or federal regulations.

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TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated



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REGULATORY INFORMATION

*Solvent naphtha, petroleum, heavy arom. (64742945 >60%) TSCA

*Glycol/surfactant Blend (Trade Secret) MASS, OSHAWAC, PA, TSCA, TXAIR

*Naphthalene (91203 <9%) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL, PROP65C

*1,2,4-Trimethylbenzene (95636 <1.5%) MASS, NJHS, PA, SARA313, TSCA, TXAIR

NACERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
EPCRAWPC = EPCRA Water Priority Chemicals
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHA = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
PRIPOL = Clean Water Act Priority Pollutants
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICPOL = Clean Water Act Toxic Pollutants
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous Waste List
TSCA = Toxic Substances Control Act
APP9 = Appendix 9
HWRCRA = RCRA Hazardous Wastes
NRC = Nationally Recognized Carcinogens
OSHAHTS = OSHA Hazardous and Toxic Substances
PROP65C = CA Prop 65 Carcinogen

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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