1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer
Wechem, Inc
5734 Susitna Dr
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Product Identifier: Crude Cutter
SDS Number: S200A
Product Code: S200
Revision Date: 2/28/2019
Instructions: Solvent Degreaser

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

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute toxicity, 4 Oral
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Acute toxicity, 4 Inhalation
Health, Specific target organ toxicity - Single exposure, 3
Health, Carcinogenicity, 1
Environmental, Hazards to the aquatic environment - Acute, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:

GHS Hazard Statements:

H302 - Harmful if swallowed
H315 - Causes skin irritation
H320 - Causes eye irritation
H332 - Harmful if inhaled
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H350 - May cause cancer.
H402 - Harmful to aquatic life

GHS Precautionary Statements:

P261 - Avoid breathing fume/ gas/ mist/ vapours/ spray.
P262 - Do not get in eyes, on skin, or on clothing.
P264 - Wash skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid release to the environment.
P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.
P281 - Use personal protective equipment as required.
P301 - IF SWALLOWED: Do NOT induce vomiting. Seek immediate medical attention.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 - 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.
P312 - Call a POISON CENTER or doctor/ physician if you feel unwell.
P337 + P313 - If eye irritation persists: Get medical advice/ attention.
P362 - Take off contaminated clothing and wash before reuse.
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
P501 - Dispose of contents/ container in accordance to local/regional/national/international regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

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.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:

CAS#	%	Chemical Name:
64742-94-5	30-50%	Solvent Naphtha (Petroleum)
111-76-2	10-14%	Ethylene glycol monobutyl ether
91-20-3	<4%	Naphthalene
95-63-6	<2%	1,2,4-Trimethylbenzene
0		Surfactant blend

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: Non-Flammable

Flash Point: None

Flash Point Method: PMCC

Extinguishing media: Use water, 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

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).

7 HANDLING AND STORAGE

Handling Precautions: Do not breathe gas/fumes/vapor/spray. Avoid contact with skin and eyes. Use only in well ventillated areas. Handle all open containers with care. Handle in accordance with good Industrial Hygiene and safety practice.

Storage Requirements: Keep out of reach of children. Keep container tightly closed and in a well-ventilated place. Store in a cool, dry area away from incompatibles, sparks and open flames.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: Local exhaust/ Mechanical

Personal Protective Equipment: HMIS PP, B | Goggles, Gloves
Respiratory Protection: None required where adequate ventilation conditions exist. If permissible levels are exceeded, use NIOSH approved respirator.
Protective gloves: Rubber/ Neoprene
Eye protection: Goggles/ safety glasses

Hygienic work practices: Wash with soap and water before handling food.
Ethylene glycol monobutyl ether cas#:(111-76-2) [10-14%]

Components with workplace control parameters

TWA	20 ppm	USA. ACGIH Threshold Limit Values (TLV)

Eye & Upper Respiratory Tract irritation
Confirmed animal carcinogen with unknown relevance to humans

TWA	5 ppm 24 mg/m3	USA. NIOSH Recommended Exposure Limits

Potential for dermal absorption

TWA	50 ppm 240 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants

Skin designation
The value in mg/m3 is approximate.

TWA	25 ppm 120 mg/m3	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000

Skin notation

Naphthalene cas#:(91-20-3) [<4%]

Components with workplace control parameters

TWA	10 ppm	USA. ACGIH Threshold Limit Values (TLV)

Eye & Upper Respiratory Tract irritation Hematologic effects Eye damage Not classifiable as a human carcinogen Danger of cutaneous absorption

STEL 15 ppm USA. ACGIH Threshold Limit Values (TLV)
Eye & Upper Respiratory Tract irritation Hematologic effects Eye damage Not classifiable as a human carcinogen Danger of cutaneous absorption

TWA 10 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
50 mg/m3 1910.1000

STEL 15 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
75 mg/m3 1910.1000

TWA 10 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1
50 mg/m3 Limits for Air Contaminants
The value in mg/m3 is approximate.

TWA 10 ppm USA. NIOSH Recommended Exposure Limits
50 mg/m3

ST 15 ppm USA. NIOSH Recommended Exposure Limits
75 mg/m3

1,2,4-Trimethylbenzene cas#:(95-63-6) [<2%]

Components with workplace control parameters

TWA 25 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
125 mg/m3 1910.1000

TWA 25 ppm USA. ACGIH Threshold Limit Values (TLV)
123 mg/m3

TWA 25 ppm USA. NIOSH Recommended Exposure Limits
125 mg/m3
hemimellitene is a mixture of the 1,2,3-isomer with up to 10% of related aromatics such as the 1,2,4-isomer.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless to pale yellow		
Physical State:	Liquid	**Odor:**	Petroleum
Spec Grav./Density:	(H20=1): 0.96+/- 0.05	**Solubility:**	Forms Emulsion in Water
Flammability:	Non-Flammable	**Flash Point:**	None
pH:	5 +/- 1	**VOC:**	Not Determined

10 STABILITY AND REACTIVITY

Reactivity:	Non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Stable under normal conditions.
Conditions to Avoid:	Contact with incompatible materials.
Materials to Avoid:	Strong acids and oxidizers.
Hazardous Decomposition:	Oxides of carbon.
Hazardous Polymerization:	Will not occur

11 TOXICOLOGICAL INFORMATION

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

Solvent naphtha, petroleum, heavy arom. cas#:(64742-94-5) [30-50%]

Inhalation- LC50>590mg/m3 4 h (Rat)
Oral- LD50 >5000 mg/kg (Rat)
Dermal- LD50> 2000 mg/kg (Rabbit)

Ethylene glycol monobutyl ether cas#:(111-76-2) [10-14%]

Information on toxicological effects

Acute toxicity:
LD50 Oral - rat - 470 mg/kg
LC50 Inhalation - rat - 4 h - 450 ppm Remarks: Behavioral:Ataxia. Nutritional and Gross Metabolic:Weight loss or decreased weight gain.
LD50 Dermal - rabbit - 220 mg/kg
LD50 Intraperitoneal - rat - 220 mg/kg
LD50 Intravenous - rat - 307 mg/kg

Skin corrosion/irritation: Skin - rabbit Result: Open irritation test

Serious eye damage/eye irritation: Eyes - rabbit Result: Moderate eye irritation - 24 h

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:
IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Butoxyethanol)
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: KJ8575000

Human exposure above 200 ppm can be expected to cause narcosis, damage to the kidney and liver and present an abnormal blood picture showing erythropenia, reticulocytosis, granulocytosis, leukocytosis, and would be likely to
cause fragility of erythrocytes and hematuria. Swallowing of 2-butoxyethanol results in a sour taste that turns to a burning sensation and is followed by numbness of the tongue which indicates paralysis of the sensory nerve endings., Central nervous system depression, Headache, narcosis
Stomach - Irregularities - Based on Human Evidence

Naphthalene cas#:(91-20-3) [<4%]

Information on toxicological effects

Acute toxicity:
Oral LD50 LD50 Oral - rat - 490.0 mg/kg
Inhalation LC50 LC50 Inhalation - rat - 1 h - > 340 mg/m3 Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Lacrimation. Behavioral:Somnolence (general depressed activity).
Dermal LD50 LD50 Dermal - rabbit - 20,000 mg/kg
Other information on acute toxicity no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: Eyes - rabbit - Mild eye irritation

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:
This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP, or EPA classification.
Limited evidence of carcinogenicity in animal studies

IARC: 2B - Group 2B: Possibly carcinogenic to humans (Naphthalene)
NTP: Reasonably anticipated to be a human carcinogen (Naphthalene)
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion Toxic if swallowed. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: Absorption into the body leads to the formation of methemoglobin which in sufficient concentration causes cyanosis. Onset may be delayed 2 to 4 hours or longer., Naphthalene is retinotoxic and systemic absorption of its vapors above 15ppm, may result in:, cataracts, optic neuritis, corneal injury, Eye irritation, Ingestion may provoke the following symptoms:, hemolytic anemia, hemoglobinuria, Nausea, Headache, Vomiting, Gastrointestinal disturbance, Convulsions, anemia, Kidney injury may occur., Seizures., Coma.

Synergistic effects: no data available

Additional Information:

RTECS: QJ0525000

1,2,4-Trimethylbenzene cas#:(95-63-6) [<2%]

Information on toxicological effects

Acute toxicity:
Oral LD50 LD50 Oral - rat - 5,000 mg/kg

Inhalation LC50 LC50 Inhalation - rat - 4 h - 18,000 mg/m3
Dermal LD50 no data available
Other information on acute toxicity

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: Genotoxicity in vitro - in vitro assay - S. typhimurium - with and without metabolic activation - negative

Genotoxicity in vivo - rat - male and female - Intraperitoneal - negative

Carcinogenicity:
no data available
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
May cause respiratory irritation.

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: prolonged or repeated exposure can cause:, narcosis, Bronchitis., Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: DC3325000

12 ECOLOGICAL INFORMATION

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

Solvent naphtha, petroleum, heavy arom. cas#:(64742-94-5) [30-50%]

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

Degradability
Inherently Biodegradable

Ethylene glycol monobutyl ether cas#:(111-76-2) [10-14%]

Information on ecological effects

Toxicity:
Toxicity to fish LC50 - other fish - 220 mg/l - 96 h.
Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 1,815 mg/l - 24 h.
other aquatic invertebrates

Persistence and degradability: no data available

Ratio BOD/ThBOD 88 %

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

Naphthalene cas#:(91-20-3) [<4%]

Information on ecological effects

Toxicity:
Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 0.9 - 9.8 mg/l - 96.0 h.
LC50 - Pimephales promelas (fathead minnow) - 1 - 6.5 mg/l - 96.0 h
NOEC - other fish - 1.8 mg/l - 3.0 d
LOEC - other fish - 3.2 mg/l - 3.0 d
Toxicity to daphnia EC50 - Daphnia magna (Water flea) - 1.00 - 3.40 mg/l - 48 h.
and other aquatic invertebrates
Toxicity to algae EC50 - No information available. - 33.00 mg/l - 24 h.

Persistence and degradability: Biodegradability Result: - According to the results of tests of biodegradability this product is not readily biodegradable.

no data available

Bioaccumulative potential: Bioaccumulation Fish - Bioconcentration factor (BCF): 427 - 1,158

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unp rofessional handling or disposal.

Very toxic to aquatic life with long lasting effects.
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

1,2,4-Trimethylbenzene cas#:(95-63-6) [<2%]

Information on ecological effects

Toxicity:
Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 7.72 mg/l - 96.0 h.
Toxicity to daphnia Immobilization EC50 - Daphnia magna (Water flea) - 3.6 mg/l - 48 h.
and other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Toxic to aquatic life.

13 DISPOSAL CONSIDERATIONS

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

14 TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated

15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[30-50%] Solvent Naphtha (Petroleum) (64742-94-5) TSCA

[10-14%] Ethylene glycol monobutyl ether (111-76-2) HAP, MASS, OSHAWAC, PA, SARA313, TSCA, TXAIR

[<4%] RQ(100LBS), Naphthalene (91-20-3) CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

[<2%] 1,2,4-Trimethylbenzene (95-63-6) MASS, NJHS, PA, SARA313, TSCA, TXAIR

[--%] Surfactant blend (0) TSCA

WARNING This product can expose you to chemicals including Naphthalene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Regulatory Code Legend

RQ = Reportable Quantity
TSCA = Toxic Substances Control Act
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals

TXAIR = TX Air Contaminants with Health Effects Screening Level
CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
EPCRAWPC = EPCRA Water Priority Chemicals
GADSL = Global Automotive Declarable Substance List (GADSL)
NJHS = NJ Right-to-Know Hazardous Substances
PRIPOL = Clean Water Act Priority Pollutants
TOXICPOL = Clean Water Act Toxic Pollutants
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXHWL = TX Hazardous Waste List

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.
N/A = Not available N/D = Not determined