

Mop Off

SDS Number: F500D

Revision Date: 5/16/2023

Page 1 of 8

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 Identifier: Mop Off
SDS Number: F500D
Product Code: F500
Revision Date: 5/16/2023
Product Use: Floor Stripper and Finish

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, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Specific target organ toxicity - Single exposure, 3
Health, Acute toxicity, 4 Oral

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H302 - Harmful if swallowed

GHS Precautionary Statements:

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P264 - Wash hands thoroughly after handling.
P103 - Read label before use.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P331 - Do NOT induce vomiting.
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

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

Mop Off

SDS Number: F500D

Revision Date: 5/16/2023

Page 2 of 8

Route of Entry: Skin absorption, eye, ingestion, inhalation
Target Organs: NA
Inhalation: Inhalation of generated mist can cause nasal and respiratory irritation or damage to respiratory tract
Skin Contact: Can cause irritation and burning.
Eye Contact: Causes irritation and burning
Ingestion: Can cause gastrointestinal irritation, nausea, diarrhea

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
111-76-2	15-40%	Ethylene glycol monobutyl ether
141-43-5	5-10%	Ethanolamine

4 FIRST AID MEASURES

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

5 FIRE FIGHTING MEASURES

Flammability: Non Flammable
Flash Point: NA
Flash Point Method: NA
Burning Rate: ND
Autoignition Temp: ND
LEL: ND
UEL: ND
 Suitable Extinguishing Media: Water Spray, Dry Chemical, Foam, Carbon Dioxide.
 Unsuitable Extinguishing Media: None known

Special Hazards arising from the substance or mixture: Fire Hazard - Products of combustion may include, and are not limited to : oxides of carbon.

Special Fire fighting procedures: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

6 ACCIDENTAL RELEASE MEASURES

For Non-Emergency Personnel

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

For Emergency Responders

No additional information available.

Methods and Material for Containment and Cleaning Up

For Containment - 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).

Mop Off

SDS Number: F500D

Revision Date: 5/16/2023

Page 3 of 8

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

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

7
HANDLING AND STORAGE
Handling Precautions:
Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Do not breathe gas, fumes, vapour or spray. Do not swallow. Handle an open container with care.

When using do not eat, drink or smoke. Use only outdoors in a well-ventilated area.

Hygiene Measures

Laundry contaminated clothing before reuse. Wash hands before eating, drinking or smoking.

Storage Requirements:
Storage Conditions

Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place. Store in a cool, dry, place away from incompatible materials.

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 Equipment:

Respiratory Protection: None required under normal use conditions. Otherwise use NIOSH approved breathing apparatus.

Protective gloves: Chemical resistant rubber gloves

Eye protection: Safety glasses/ goggles

Environmental Exposure Controls

Maintain levels below Community environmental protection thresholds.

Other Information

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

Ethylene glycol monobutyl ether cas#:(111-76-2) [15-40%]

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 USA. NIOSH Recommended Exposure Limits
24 mg/m³

Potential for dermal absorption

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

Skin designation

The value in mg/m³ is approximate.

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

Skin notation

Mop Off

SDS Number: F500D

Revision Date: 5/16/2023

Page 4 of 8

Ethanolamine cas#:(141-43-5) [5-10%]

Components with workplace control parameters

TWA 3 ppm USA. ACGIH Threshold Limit Values (TLV)

Skin & eye irritation

STEL 6 ppm USA. ACGIH Threshold Limit Values (TLV)

Skin & eye irritation

 TWA 3 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
 8 mg/m³

 STEL 6 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
 15 mg/m³

 TWA 3 ppm USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
 6 mg/m³

 The value in mg/m³ is approximate.

 TWA 3 ppm USA. NIOSH Recommended Exposure Limits
 8 mg/m³

 ST 6 ppm USA. NIOSH Recommended Exposure Limits
 15 mg/m³

9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless to yellow liquid	Odor:	Characteristic
Physical State:	Liquid	Molecular Formula:	NA
Particle Size:	NA	Solubility:	Complete
Spec Grav./Density:	(H ₂ O=1): 0.98 +/- 0.1	Softening Point:	NA
Viscosity:	NA	Percent Volatile:	NA
Saturated Vapor Concentration:	NA	Heat Value:	NA
Boiling Point:	NA	Freezing/Melting Pt.:	NA
Flammability:	Non Flammable	Octanol:	NA
Vapor Pressure:	ND	Vapor Density:	(Air=1): ND
pH:	11.8 +/- 1	VOC:	NA
Evap. Rate:	NA	Bulk Density:	NA
Molecular weight:	NA		

10

STABILITY AND REACTIVITY

Chemical Stability:	Stable and non-reactive under normal conditions of use.
Conditions to Avoid:	Heat. Incompatible materials.
Materials to Avoid:	Strong acids and oxidizers
Hazardous Decomposition:	Carbon dioxide, carbon monoxide
Hazardous Polymerization:	Will not occur

Mop Off

SDS Number: F500D

Revision Date: 5/16/2023

Page 5 of 8

11

TOXICOLOGICAL INFORMATION**Component information:**

Ethylene glycol monobutyl ether cas#:(111-76-2) [15-40%]

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

Ethanolamine cas#:(141-43-5) [5-10%]

Information on toxicological effects

Mop Off

SDS Number: F500D

Revision Date: 5/16/2023

Page 6 of 8

Acute toxicity:

LD50 Oral - rat - 1,720 mg/kg

Inhalation: Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

LD50 Dermal - rabbit - 1,015 mg/kg

no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: Eyes - rabbit Result: Severe eye irritation

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

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

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: KJ5775000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Liver - Irregularities - Based on Human Evidence

12

ECOLOGICAL INFORMATION

Component Information:

Ethylene glycol monobutyl ether cas#:(111-76-2) [15-40%]

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 %

Mop Off

SDS Number: F500D

Revision Date: 5/16/2023

Page 7 of 8

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

Ethanolamine cas#:(141-43-5) [5-10%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 227 mg/l - 96 h.

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 65 mg/l - 48 h.

other aquatic invertebrates

Toxicity to algae EC50 - Desmodesmus subspicatus (green algae) - 15 mg/l - 72 h.

Persistence and degradability: no data available

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: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

13	DISPOSAL CONSIDERATIONS
-----------	--------------------------------

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

14	TRANSPORT INFORMATION
-----------	------------------------------

Proper Shipping Name: Not Regulated

15	REGULATORY INFORMATION
-----------	-------------------------------

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

 [15-40%] Ethylene glycol monobutyl ether (111-76-2) HAP, MASS, OSHAWAC, PA, SARA313, TSCA, TXAIR

[5-10%] Ethanolamine (141-43-5) HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

 HAP = Hazardous Air Pollutants

Mop Off

SDS Number: F500D

Revision Date: 5/16/2023

Page 8 of 8

MASS = MA Massachusetts Hazardous Substances List
OSHA = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level

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

Revision Date: 5/16/2023