

Express (Rev. 1-10-24)

SDS Number: I60E

Revision Date: 1/10/2024

Page 1 of 5

1

## PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Wechem, Inc  
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Harahan, LA 70123

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**Product Identifier:** Express (Rev. 1-10-24)  
**SDS Number:** I60E  
**Product Code:** I60  
**Revision Date:** 1/10/2024  
**Product Use:** Heavy Duty Spray & Wipe Cleaner / Degreaser / Decontaminant

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, 5 Oral  
Health, Acute toxicity, 5 Dermal  
Health, Skin corrosion/irritation, 2  
Health, Serious Eye Damage/Eye Irritation, 2 B  
Health, Specific target organ toxicity - Single exposure, 3

### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:**



#### GHS Hazard Statements:

H303 - May be harmful if swallowed  
H313 - May be harmful in contact with skin  
H315 - Causes skin irritation  
H320 - Causes eye irritation  
H335 - May cause respiratory irritation

#### GHS Precautionary Statements:

P271 - Use in a well-ventilated area.  
P281 - Use personal protective equipment as required.  
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P333 - If skin irritation or a rash occurs: Get immediate medical advice/attention.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P308+313 - IF exposed or concerned: Get medical advice/attention.  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Express (Rev. 1-10-24)

SDS Number: I60E

Revision Date: 1/10/2024

Page 2 of 5

P337 - If eye irritation persists: Get medical advice/attention.

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:** Ingestion, eye, skin absorption, inhalation.  
**Inhalation:** May cause respiratory irritation.  
**Skin Contact:** May cause irritation and absorption of potentially harmful amounts.  
**Eye Contact:** May cause irritation and reddening.  
**Ingestion:** May cause nausea, abdominal discomfort, diarrhea.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
111-76-2	1-10%	Ethylene glycol monobutyl ether

## 4 FIRST AID MEASURES

**Inhalation:** If symptoms develop move victim to fresh air. Get medical attention if symptoms develop or persist.  
**Skin Contact:** Wash off with plenty of water. Remove and isolate contaminated clothing and shoes. Get medical attention if irritation develops and persists.  
**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.  
**Ingestion:** Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel. Get immediate medical advice/attention.

## 5 FIRE FIGHTING MEASURES

**Flammability:** Non flammable  
**Flash Point:** None to boiling  
 Extinguishing media: Foam, dry chemical, carbon dioxide, water  
 Special Fire fighting procedures: Use self-contained breathing apparatus and protective clothing if needed.

Unusual Fire &amp; Explosion Hazard: None

## 6 ACCIDENTAL RELEASE MEASURES

Use personal protective equipment as required. Prevent further leakage or spillage if safe to do so. Absorb with suitable medium. Keep in suitable, closed containers for disposal.

## 7 HANDLING AND STORAGE

**Handling Precautions:** Do not get in eyes, on skin, or on clothing. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practices.

**Storage Requirements:** Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking. Keep out of reach of children. Keep container tightly closed. Store in a cool dry, climate controlled area, away from incompatibles, sparks and open flame.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Ventilation Requirement: Mechanical  
**Personal Protective Equipment:** Respiratory Protection: None required under normal use conditions.  
 Protective gloves: Rubber/ PVC

Express (Rev. 1-10-24)

SDS Number: I60E

Revision Date: 1/10/2024

Page 3 of 5

Eye protection: Safety glasses/ goggles

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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

Ethylene glycol monobutyl ether cas#:(111-76-2) [1-10%]

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/m<sup>3</sup>

Potential for dermal absorption

TWA 50 ppm USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air  
240 mg/m<sup>3</sup> Contaminants

Skin designation

The value in mg/m<sup>3</sup> is approximate.

TWA 25 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000  
120 mg/m<sup>3</sup>

Skin notation

9

## PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear, Colorless	<b>Odor:</b>	Butyl- type
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	Complete
<b>Spec Grav./Density:</b>	(H <sub>2</sub> O=1): 1.01 +/- 0.1	<b>Flash Point:</b>	None to boiling
<b>Boiling Point:</b>	212 Deg. F.	<b>Vapor Density:</b>	(Air=1): Not available
<b>Vapor Pressure:</b>	Not available	<b>VOC:</b>	Not available
<b>pH:</b>	11.5		

10

## STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable and non-reactive under normal conditions of use, storage and transport.
<b>Conditions to Avoid:</b>	Contact with incompatible materials.
<b>Materials to Avoid:</b>	Strong acids, strong oxidizers.
<b>Hazardous Decomposition:</b>	Carbon dioxide, carbon monoxide.
<b>Hazardous Polymerization:</b>	Will not occur

11

## TOXICOLOGICAL INFORMATION

Data summary for the components are as follows:

Ethylene glycol monobutyl ether cas#:(111-76-2) [1-10%]

Information on toxicological effects

Express (Rev. 1-10-24)

SDS Number: I60E

Revision Date: 1/10/2024

Page 4 of 5

**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

12

## ECOLOGICAL INFORMATION

**Aquatic Toxicity**

Ethylene glycol monobutyl ether cas#:(111-76-2) [1-10%]

Information on ecological effects

**Toxicity:**

Toxicity to fish LC50 - other fish - 220 mg/l - 96 h.

Express (Rev. 1-10-24)

SDS Number: I60E

Revision Date: 1/10/2024

Page 5 of 5

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

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

[1-10%] Ethylene glycol monobutyl ether (111-76-2) HAP, MASS, OSHAWAC, PA, SARA313, 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  
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: 1/10/2024