

Hulk System # 60 Component B (Rev 1-11-24)

SDS Number: H60B5D

Revision Date: 1/11/2024

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## PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Wechem, Inc  
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Harahan, LA 70123

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**Product Identifier:** Hulk System # 60 Component B (Rev 1-11-24)  
**SDS Number:** H60B5D  
**Product Code:** H60B  
**Revision Date:** 1/11/2024  
**Product Use:** Concentrate B to be used exclusively with Hulk System #60 Component A.

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

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## HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

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

Physical, Flammable Liquids, 4  
Health, Acute toxicity, 4 Oral  
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:

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

#### GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P363 - Wash contaminated clothing before reuse.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

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P311 - Call a POISON CENTER or doctor/physician.

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

|                        |   |
|------------------------|---|
| <b>Route of Entry:</b> | Skin absorption, ingestion, inhalation, eye   |
| <b>Target Organs:</b>  | NA  |
| <b>Inhalation:</b>     | Inhalation of generated mist can cause nasal and respiratory irritation or damage to respiratory tract. |
| <b>Skin Contact:</b>   | Causes irritation and burning   |
| <b>Eye Contact:</b>    | Causes irritation and burning   |
| <b>Ingestion:</b>      | Harmful or fatal if swallowed.  |

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Ingredients: |      |   |
|-----------------------|------|---|
| CAS#                  | %    | Chemical Name:                                      |
| 111-76-2<br>*****     | >20% | Ethylene glycol monobutyl ether<br>Surfactant Blend |

**4 FIRST AID MEASURES**

|                      |  |
|----------------------|--|
| <b>Inhalation:</b>   | Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention.  |
| <b>Skin Contact:</b> | Wash off with soap and water. Remove and isolate contaminated clothing and shoes. Get medical attention if irritation develops and persists.                                       |
| <b>Eye Contact:</b>  | 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.    |
| <b>Ingestion:</b>    | 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**

|                            |             |
|----------------------------|-------------|
| <b>Flammability:</b>       | NA          |
| <b>Flash Point:</b>        | 165 Deg. F. |
| <b>Flash Point Method:</b> | PMCC        |
| <b>Burning Rate:</b>       | ND          |
| <b>Autoignition Temp:</b>  | ND          |
| <b>LEL:</b>                | ND          |
| <b>UEL:</b>                | ND          |

Extinguishing media: Foam, dry chemical, carbon dioxide, water  
 Special fire fighting procedures: None. Self contained breathing apparatus and protective clothing.  
 Unusual Fire & Explosion Hazards: None known

**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**

|                              |   |
|------------------------------|---|
| <b>Handling Precautions:</b> | Warning: Combustible liquid. Store in a cool, fire resistant area. Do not breathe gas/fumes/vapor/spray. Use only in well-ventilated areas. Do not get in eyes, on skin, or on clothing. Do not swallow. Handle |
|------------------------------|---|

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and open container with care. When using do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practices.

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

**Storage Requirements:**

Warning: Combustible liquid. Store in a cool, fire resistant area. Keep out of reach of children. Keep container tightly closed and in a well-ventilated place. Do not store at temperatures above 49 C/ 120 F. Store in a cool dry, climate controlled area, away from incompatibles, sparks and open flame.

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**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.  
 Protective gloves: Chemical resistant, rubber  
 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) [>20%]

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  
 240 mg/m3

Contaminants

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

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**PHYSICAL AND CHEMICAL PROPERTIES**
**Appearance:**

Blue liquid

**Physical State:**

Liquid

**Spec Grav./Density:**

(H2O=1): 1.00 +/- 0.05

**Viscosity:**

Not available

**Boiling Point:**

> 212 Deg. F.

**Vapor Pressure:**

Not determined

**pH:**

8 +/- 1

**Evap. Rate:**

Not available

**Odor:**

Characteristic

**Solubility:**

Complete

**Freezing/Melting Pt.:**

Not available

**Flash Point:**

165 Deg. F.

**Vapor Density:**

(Air=1): ND

**VOC:**

~ 22 %

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**STABILITY AND REACTIVITY**

|                                  |   |
|----------------------------------|---|
| <b>Chemical Stability:</b>       | Stable. No dangerous reaction known under conditions of normal use. |
| <b>Conditions to Avoid:</b>      | Heat. Contact with strong oxidizers.                                |
| <b>Materials to Avoid:</b>       | Strong oxidizers.   |
| <b>Hazardous Decomposition:</b>  | Carbon dioxide, carbon monoxide                                     |
| <b>Hazardous Polymerization:</b> | Will not occur  |

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**TOXICOLOGICAL INFORMATION**

Data summary for the components are as follows:

Ethylene glycol monobutyl ether cas#:(111-76-2) [>20%]

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

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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

|           |                               |
|-----------|-------------------------------|
| <b>12</b> | <b>ECOLOGICAL INFORMATION</b> |
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**Aquatic Toxicity**

Surfactant : (CAS NA)

No data is available on the product itself.

**Components:**

- Fish LC50 1-10 mg/l, 96 hrs, Fathead minnow (*Pimephales promelas*)
- Daphnia EC50 1-10 mg/l, 48 hrs. *Daphnia magna*
- Algae EC50 1-10 mg/l, 96 hrs Algae

Ethylene glycol monobutyl ether cas#:(111-76-2) [>20%]

**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

|           |                                |
|-----------|--------------------------------|
| <b>13</b> | <b>DISPOSAL CONSIDERATIONS</b> |
|-----------|--------------------------------|

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

|           |                              |
|-----------|------------------------------|
| <b>14</b> | <b>TRANSPORT INFORMATION</b> |
|-----------|------------------------------|

Proper Shipping Name: Not Regulated

|           |                               |
|-----------|-------------------------------|
| <b>15</b> | <b>REGULATORY INFORMATION</b> |
|-----------|-------------------------------|

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

-----  
 [>20%] Ethylene glycol monobutyl ether (111-76-2) HAP, MASS, OSHAWAC, PA, SARA313, TSCA, TXAIR

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[--%] Surfactant Blend (\*\*\*\*\*) TSCA

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 | <b>OTHER INFORMATION</b> |
|----|--------------------------|

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

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