

## Hulk System #400

MSDS Number: H400-G900F

Revision Date: 3/23/2015

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### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Wechem, Inc.  
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**Web:** www.wechem.com

**Product Name:** Hulk System #400  
**Revision Date:** 3/23/2015  
**MSDS Number:** H400-G900F  
**Product Code:** G900

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:  
WARNING

GHS Hazard Pictograms:



GHS Classifications:  
Health, Aspiration hazard, 2  
Health, Skin corrosion/irritation, 2  
Health, Serious Eye Damage/Eye Irritation, 2 B  
Health, Specific target organ toxicity - Single exposure, 3

GHS Phrases:  
H305 - May be harmful if swallowed and enters airways  
H315 - Causes skin irritation  
H320 - Causes eye irritation  
H335 - May cause respiratory irritation

GHS Precautionary Statements:  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+341 - IF INHALED: If breathing is difficult, 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.  
P309+311 - IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.  
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking

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### COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

| Cas # | Chemical Name                   | Perc. (wt.) | OSHA PEL (ppm) | ACGIH TLV(ppm) | Carcin. Ref. |
|-------|---------------------------------|-------------|----------------|----------------|--------------|
| N/A   | Citrus Terpene-surfactant Blend | 40-60       | NA             | NA             | 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 medical advice/attention.
- Skin Contact:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get immediate medical advice/attention.
- Eye Contact:** 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.
- Ingestion:** 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

- Flash Point:** 230 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

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

**Handling Precautions:** 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 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. Store in a dry, cool area away from sparks and open flame. Keep out of reach of children.

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### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Ventilation Requirement: Local exhaust/Mechanical  
**Personal Protective Equip:** 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.

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### PHYSICAL AND CHEMICAL PROPERTIES

|                            |                         |                              |             |
|----------------------------|-------------------------|------------------------------|-------------|
| <b>Appearance:</b>         | Clear, yellowish liquid | <b>Odor:</b>                 | Citrus      |
| <b>Physical State:</b>     | Liquid                  | <b>Molecular Formula:</b>    | NA          |
| <b>Particle Size:</b>      | NA                      | <b>Solubility:</b>           | Complete    |
| <b>Spec Grav./Density:</b> | (H2O=1): 0.90 +/- 0.05  | <b>Softening Point:</b>      | NA          |
| <b>Viscosity:</b>          | NA                      | <b>Percent Volatile:</b>     | NA          |
| <b>Sat. Vap. Conc.:</b>    | NA                      | <b>Heat Value:</b>           | NA          |
| <b>Boiling Point:</b>      | NA                      | <b>Freezing/Melting Pt.:</b> | NA          |
| <b>Vapor Pressure:</b>     | ND                      | <b>Octanol:</b>              | NA          |
| <b>pH:</b>                 | 10.5 +/- 1              | <b>Vapor Density:</b>        | (Air=1): ND |
| <b>Evap. Rate:</b>         | NA                      | <b>VOC:</b>                  | < 30%       |
| <b>Molecular weight:</b>   | NA                      | <b>Bulk Density:</b>         | NA          |

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### STABILITY AND REACTIVITY

**Stability:** Stable. No dangerous reaction known under conditions of normal use.  
**Conditions to Avoid:** Heat. Incompatible materials.  
**Materials to Avoid:** Strong oxidizers  
**Hazardous Decomposition:** Ammonia oxides of carbon and nitrogen  
**Hazardous Polymerization:** Will not occur

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### TOXICOLOGICAL INFORMATION

The summary for the components are as follows:

Citrus Terpenes (CAS# 94266-47-4)

Acute Effects:

Oral LD50 > g/kg (Rabbits)

Dermal LD 50 > 5 g/kg (Rabbits)

Inhalation RD50 > 1 g/kg (Mice)

The skin irritancy of limonene in guinea pigs and rabbits is considered moderate and low, respectively.

Chronic Effects:

This product is not classified as a carcinogen by OSHA, IARC, ACGIH or NTP. This product does not contain known reproductive or developmental toxins. This product has not been shown to produce genetic changes when tested on bacterial or animal cells.

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### ECOLOGICAL INFORMATION

Hulk System #400 is inherently biodegradable.

A spill may produce significant toxicity to aquatic organisms and ecosystems.

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### DISPOSAL CONSIDERATIONS

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

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### TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated

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### REGULATORY INFORMATION

This product does not contain any component under SARA 313.

\*Citrus Terpene (5989275) TSCA

#### REGULATORY KEY DESCRIPTIONS

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TSCA = Toxic Substances Control Act

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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