

HULK SYSTEM - DG MARINE CLEANER DEGREASER

MSDS Number: H1SPRB

Revision Date: 3/26/2015

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1	PRODUCT AND COMPANY IDENTIFICATION
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Manufacturer

Wechem, Inc
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Product Name: HULK SYSTEM - DG MARINE CLEANER DEGREASER
Revision Date: 3/26/2015
MSDS Number: H1SPRB
Product Code: H1SPR
Product Use: Marine Cleaner / Degreaser- Meets EPA NPDES Vessel General Permit Requirements Effective 12/19/13 - 2018

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

2	HAZARDS IDENTIFICATION
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Route of Entry: Skin absorption, ingestion, inhalation, eye
Target Organs: NA
Inhalation: Inhalation of generated mist can cause nasal and respiratory irritation or damage to respiratory tract.
Skin Contact: Can Cause irritation
Eye Contact: Can cause irritation and burning
Ingestion: Harmful if swallowed.

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			
<small> Safety Glasses Safety Goggles Face Shield & Eye Protection Gloves Boots Synthetic Fabric Full Suit Dust Respirator Vapor Respirator Dust & Vapor Respirator Full Face Respirator Airline Hood or Mask </small>													

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GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:

- Physical, Flammable Liquids, 4
- 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:

- H227 - Combustible liquid
- 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:

- P102 - Keep out of reach of children.
- 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.
- P304+312 - IF INHALED: 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.
- P311 - Call a POISON CENTER or doctor/physician.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
NA	glycol Surfactant Mixture	>80	NA	NA	D

Ingredients are a trade secret as per OSHA 29CFR 1910.1200

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FIRST AID MEASURES

Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.
Skin Contact: Wash with soap and water. If irritated, seek medical attention.
Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.
Ingestion: Do not induce vomiting. Drink two large glasses of water. Get immediate medical attention.

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FIRE FIGHTING MEASURES

Flammability: Combustible Liquid
Flash Point: 174 Deg. F.
Flash Point Method: PMCC

Extinguishing media: Foam, dry chemical, carbon dioxide, water
Special fire fighting procedures: Full fire-fighting turn out gear and respiratory protection(SCBA).

Unusual Fire & Explosion Hazards: None

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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. Use appropriate Personal Protective Equipment (PPE).

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

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HANDLING AND STORAGE

Handling Precautions: Combustible liquid. Keep away from sources of ignition-No smoking. Do not breathe gas/fumes/vapor/spray. Use 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 practice.

Storage Requirements: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking. Combustible liquid. 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: Ventilation Requirement: Local exhaust
Personal Protective Equip: HMIS PP, B | Goggles, Gloves
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.

Hygienic work practices: Wash with soap and water before handling food.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Deep green liquid	Odor:	Characteristic
Physical State:	Liquid	Solubility:	Complete
Spec Grav./Density:	(H2O=1): 0.97 +/- 0.05	Octanol:	NA
Boiling Point:	> 250 Deg. F.	Vapor Density:	(Air=1): Not determined
Flammability:	Combustible	VOC:	~ 79
pH:	10 +/- 1		

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STABILITY AND REACTIVITY

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

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TOXICOLOGICAL INFORMATION

Acute Toxicity:
Oral LD50 > 2000 mg/kg (Rat)

May cause eye and skin irritation
Mixture classifies as a "minimally toxic" cleaner under the VGP effective 12/19/2013.

The statements are based on the properties of the individual components.

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ECOLOGICAL INFORMATION

Acute Aquatic Toxicity:

Material is minimally toxic to aquatic organisms on an acute basis LC50 > 100 ppm.

Readily Biodegradable based on OECD criteria.

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DISPOSAL CONSIDERATIONS

Dispose of according to local, state, or 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.

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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