

Hulk System # 101 Fin Fan Cleaner

SDS Number: FFC-H101C

Revision Date: 3/26/2021

Page 1 of 5

1

PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr
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Product Identifier: Hulk System # 101 Fin Fan Cleaner
SDS Number: FFC-H101C
Product Code: H101
Revision Date: 3/26/2021

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):

Physical, Flammable Liquids, 4
Health, Acute toxicity, 5 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
H303 - May be 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.
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.
P304+340 - IF INHALED: 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.

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

Route of Entry: Skin absorption, ingestion, inhalation, eye

Hulk System # 101 Fin Fan Cleaner

SDS Number: FFC-H101C

Revision Date: 3/26/2021

Page 2 of 5

Target Organs: NA
Inhalation: Inhalation of generated mist can cause nasal and respiratory irritation or damage to respiratory tract.
Skin Contact: Causes irritation
Eye Contact: Causes irritation and burning
Ingestion: Harmful or fatal if swallowed.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
111-76-2	60-100%	Ethylene glycol monobutyl ether
0		Proprietary Surfactant Blend
57-55-6	1-4%	Propylene glycol

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

Flammability: NA
Flash Point: 165 Deg. F.
Flash Point Method: PMCC
Burning Rate: ND
Autoignition Temp: ND
LEL: ND
UEL: ND
 Extinguishing media: Foam, dry chemical, carbon dioxide, water
 Special fire fighting procedures: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA)
 Unusual Fire & Explosion Hazards: None

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: Keep away from sources of ignition-No smoking. 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

Hulk System # 101 Fin Fan Cleaner

SDS Number: FFC-H101C

Revision Date: 3/26/2021

Page 3 of 5

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

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

Storage Requirements:

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.

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:

HMIS PP, B | Goggles, Gloves
 Respiratory Protection: None required under normal use conditions.
 Protective gloves: Chemical resistant, rubber, PVC
 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.

9
PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark purple liquid	Odor:	Characteristic
Physical State:	Liquid	Molecular Formula:	NA
Particle Size:	NA	Solubility:	Complete
Spec Grav./Density:	(H20=1): 0.94 +/- 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:	NA	Flash Point:	73.9 C (165 F)
Vapor Pressure:	ND	Octanol:	NA
pH:	7.5 +/- 1	Vapor Density:	(Air=1): ND
Evap. Rate:	NA	VOC:	~ 79 %
Molecular weight:	NA	Bulk Density:	NA

10
STABILITY AND REACTIVITY

Chemical Stability:	Stable. No dangerous reaction known under conditions of normal use.
Conditions to Avoid:	Heat. Incompatible materials.
Materials to Avoid:	Strong oxidizers
Hazardous Decomposition:	Carbon dioxide, carbon monoxide
Hazardous Polymerization:	Will not occur

11
TOXICOLOGICAL INFORMATION

Data summary for the components are as follows:

Ethylene glycol monobutyl ether (111-76-2)
 Oral LD50 470 mg/kg (Rat)
 Dermal LD50 2270 mg/kg (Rat)

Hulk System # 101 Fin Fan Cleaner

SDS Number: FFC-H101C

Revision Date: 3/26/2021

Page 4 of 5

Dermal LD50 mg/kg (Rabbit)
Inhalation LC50 2.21 mg/L 4h, (Rat)
Inhalation LC50 450 ppm 4h, (Rat)

Propylene Glycol (57-55-6)
Ingestion LD50 21,000 mg/kg (Rat)
Inhalation LC50 >105 ppm, 8 h (Rat)
Dermal LD50 20,800 mg/kg (Rat)

Surfactant Blend (Trade Secret)
Ingestion LD50 >1,400 mg/kg (Rat)

Calculated Overall Chemical Acute toxicity Values
Inhalation LC50 2.31 mg/L 4h, (Rat)
Oral LD50 500.23 mg/kg (Rat)
Dermal 234.24 mg/kg (Rabbit)

This product is not classified as a carcinogen or a mutagen.

12	ECOLOGICAL INFORMATION
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Data summary for the components is as follows:

Propylene glycol (57-55-6)
Fish LC50 55,770 mg/l 96 h Fathead minnow (*Pimephales promelas*)
Daphnia EC50 >10,000 mg/l 48 h Daphnia

Surfactant Blend (Trade Secret)
Fish LC50 1-10 mg/l 96 h Fathead minnow (*Pimephales promelas*)
Daphnia EC50 1-10 mg/l 48h Daphnia magna
Algae EC50 1-10 mg/l 96h Algae

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

14	TRANSPORT INFORMATION
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Proper Shipping Name: Not Regulated

15	REGULATORY INFORMATION
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COMPONENT / (CAS/PERC) / CODES

*Ethylene glycol monobutyl ether (111762 60-100%) HAP, MASS, OSHAWAC, PA, SARA313, TSCA, TXAIR

*Propylene glycol (57556 1-4%) HAP, PA, TSCA

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

Hulk System # 101 Fin Fan Cleaner

SDS Number: FFC-H101C

Revision Date: 3/26/2021

Page 5 of 5

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REGULATORY KEY DESCRIPTIONS

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

TSCA = Toxic Substances Control Act

16	OTHER INFORMATION
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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

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