

HV 500

SDS Number: PW600I

Revision Date: 7/13/2021

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
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Product Identifier: HV 500
SDS Number: PW600I
Product Code: PW600
Revision Date: 7/13/2021
Product Use: Hot Vat Compound

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, Corrosive to Metals, 1
Health, Skin corrosion/irritation, 1 A
Health, Acute toxicity, 4 Oral
Environmental, Hazards to the aquatic environment - Acute, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H290 - May be corrosive to metals
H314 - Causes severe skin burns and eye damage
H302 - Harmful if swallowed
H402 - Harmful to aquatic life

GHS Precautionary Statements:

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P270 - Do not eat, drink or smoke when using this product.
P273 - Absorb spillage to prevent material damage. Avoid release to the environment.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician.
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
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.
P363 - Wash contaminated clothing before reuse.

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P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P315 - Get immediate medical advice/attention.
 P405 - Store locked up.
 P406 - Store in a corrosive resistant container with a resistant inner liner.
 P501 - Dispose of contents/container in accordance with local, regional, national and international regulations.

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

Route of Entry: Inhalation, skin absorption, eye
Inhalation: Severe irritation of mucous membrane and upper respiratory tract
Skin Contact: Severe burns
Eye Contact: Cause severe burns, eye damage and possible blindness
Ingestion: Harmful if swallowed may cause tissue perforation
 OTHER HAZARDS: NONE FOUND
 UNKNOWN INGREDIENTS: N/D

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COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
1310-73-2	30-60%	Sodium hydroxide (Na(OH))

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FIRST AID MEASURES

Inhalation: If Inhaled: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.
Skin Contact: If on Skin or Hair: Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a doctor.
Eye Contact: If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.
Ingestion: If Swallowed: Rinse mouth. DO NOT induce vomiting. Immediately call a doctor.
 Most important symptoms/effects, acute and delayed: N/D
 Indication of immediate medical attention/special treatment: If exposed or concerned: Call a doctor.

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FIRE FIGHTING MEASURES

Flammability: NA
Flash Point: NA
Flash Point Method: NA
Burning Rate: ND
Autoignition Temp: ND
LEL: ND
UEL: ND
 Suitable extinguishing media: Use media suitable to surrounding fire.

Specific hazard arising from chemicals: N/D

Special equipment and precautions: Normal protective clothing. Self-contained breathing apparatus should be provided to firefighters in confined spaces.

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ACCIDENTAL RELEASE MEASURES

Personal precaution, protective equipment, emergency procedures: Avoid contact with skin and eyes. Do not ingest. Do not

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inhale. Wear Personal Protective Equipment (refer to section 8).

Methods and Material for Containment and Clean Up: Avoid release to the environment. Pick up and arrange disposal without creating dust. Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal.

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HANDLING AND STORAGE

Handling Precautions: Precautions for Safe Handling: Wash thoroughly after handling, especially before eating, drinking, smoking or using restroom facilities. Wash goggles and gloves. Launder contaminated clothing. Do not swallow. Do not get in eyes. Do not inhale mists or vapors.

Storage Requirements: Cautions for Safe Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Incompatibilities: N/D

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: Mechanical: Where dusts or mists are generated

Personal Protective Equipment: HMIS PP, D | Face Shield and Eye Protection, Gloves, Apron
 Respiratory Protection: NIOSH/MSHA- Approved respirator recommended
 Protective gloves: Rubber or Neoprene
 Eye protection: Chemical Goggles

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

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White/ Off-white powder blend	Odor:	Characteristic
Physical State:	Solid (powder)	Molecular Formula:	NA
Odor Threshold:	N/D	Solubility:	Complete
Particle Size:	N/D	Softening Point:	N/D
Spec Grav./Density:	N/D	Percent Volatile:	N/D
Viscosity:	N/D	Heat Value:	N/D
Saturated Vapor Concentration:	N/D	Freezing/Melting Pt.:	N/D
Boiling Point:	N/D	Flash Point:	N/D
Flammability:	N/D	Octanol:	N/D
Partition Coefficient:	N/D	Vapor Density:	N/D
Vapor Pressure:	N/D	VOC:	N/D
pH:	N/D	Bulk Density:	N/D
Evap. Rate:	N/D		
Molecular weight:	N/D		

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STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Possibility of Hazardous Reaction: Hazardous

Materials to Avoid: N/D

Hazardous Decomposition: N/D

Hazardous Polymerization: N/D

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TOXICOLOGICAL INFORMATION

Sodium Hydroxide - Oral LD50 (500 mg/kg)
 Dermal LD50 (N/D)

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Inhalation LD50 (N/D)

Product as a Whole - Oral LD50 (627 mg/kg)

Dermal LD50 (N/D)

Inhalation LD50 (N/D)

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Sodium hydroxide (Na(OH)) cas#:(1310-73-2) [30-60%]

Information on toxicological effects

Acute toxicity: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: Skin - rabbit Result: Causes severe burns. - 24 h

Serious eye damage/eye irritation: Eyes - rabbit Result: Corrosive - 24 h

Respiratory or skin sensitisation: Will not occur

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

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

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: WB4900000

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

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ECOLOGICAL INFORMATION

Ecotoxicity:

Sodium hydroxide (Na(OH)) cas#:(1310-73-2) [30-60%]

Information on ecological effects

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Toxicity:

Toxicity to fish LC50 - *Gambusia affinis* (Mosquito fish) - 125 mg/l - 96 h.

LC50 - *Oncorhynchus mykiss* (rainbow trout) - 45.4 mg/l - 96 h

Toxicity to daphnia and Immobilization EC50 - *Daphnia* - 40.38 mg/l - 48 h.

other aquatic invertebrates

Persistence and degradability: The methods for determining the biological degradability are not applicable to inorganic substances.

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: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

13	DISPOSAL CONSIDERATIONS
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Waste Treatment Method: Avoid release to the environment. Dispose of content/container in accordance with local, regional, national, international regulations.

14	TRANSPORT INFORMATION
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Proper Shipping Name: UN 1823, Sodium Hydroxide, solid mixture, 8, PG II

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

[30-60%] RQ(1000LBS), Sodium hydroxide (Na(OH)) (1310-73-2) CERCLA, CSWHS, MASS, OSHAWAC, PA, 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

RQ = Reportable Quantity
CERCLA = Superfund clean up substance
CSWHS = Clean water Act Hazardous substances
MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level

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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. [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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