

SDS

Hydro Cut (Bulk)

SDS Number: S550A

Revision Date: 3/29/2022

Page 1 of 6

1

PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

Contact: Ligia M. Hernandez
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Product Identifier: Hydro Cut (Bulk)
SDS Number: S550A
Product Code: S550A
Revision Date: 3/29/2022
Product Use: Coolant Lubricant for Drills-Taps-Cutting Tools

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, 1
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Specific target organ toxicity - Single exposure, 3
Health, Aspiration hazard, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:



GHS Hazard Statements:

H224 - Extremely flammable liquid and vapor
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H305 - May be harmful if swallowed and enters airways

GHS Precautionary Statements:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P233 - Keep container tightly closed.
P251 - Do not pierce or burn, even after use.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

SDS

Hydro Cut (Bulk)

SDS Number: S550A

Revision Date: 3/29/2022

Page 2 of 6

P304 + P312 - IF INHALED: Call a POISON CENTER/doctor/...if you feel unwell.
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403 + P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

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

Route of Entry: Ingestion, skin absorption, eye, inhalation
Target Organs: NA
Inhalation: High vapor concentrations can cause irritation of respiratory passages, dizziness and headache, delayed lung damage or possibly progressing to death
Skin Contact: Frequent or prolonged contact may cause irritation and/or dermatitis.
Eye Contact: May cause irritation and corneal inflammation.
Ingestion: Can cause irritation of digestive tract, headache, drowsiness, dizziness, loss of coordination, fatigue, diarrhea and depression of central nervous system. Prolonged ingestion may cause liver damage, "fetal alcohol syndrome" in pregnant females, and neuronal degeneration. Aspiration of material into the lungs can cause severe pulmonary injury

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
67-63-0	40-50%	Isopropyl alcohol
64742-47-8	40-60%	Distillates, petroleum, hydrotreated light

4 FIRST AID MEASURES

Inhalation: Remove to fresh air. Resuscitate if necessary. Seek 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: Induce vomiting. Get medical attention.

5 FIRE FIGHTING MEASURES

Flammability: Flammable
Flash Point: (Conc.) : 41 Deg. F.
Flash Point Method: TCC
Burning Rate: ND
Autoignition Temp: ND
LEL: ND
UEL: ND
Extinguishing media: Dry chemical, water fog, foam CO2
Special Fire fighting procedures: Use self-contained breathing apparatus and protective clothing. Cool fire-exposed containers to prevent rupturing.
Exposure to high temperature in a fire situation may cause containers to rupture from gas generation. Flash back possible over considerable distance.

6 ACCIDENTAL RELEASE MEASURES

Absorb with suitable medium and sweep up. Maintain adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Wash area to prevent slipping.

SDS

Hydro Cut (Bulk)

SDS Number: S550A

Revision Date: 3/29/2022

Page 3 of 6

7

HANDLING AND STORAGE

Handling Precautions:

Store in a cool, dry area away from sparks, heat, flames and any other sources of ignition. Keep container closed tightly when not in use.

Storage Requirements:

Store in a cool, dry area away from sparks, heat, flames and any other sources of ignition. Keep container closed tightly when not in use. Keep out of reach of children.

8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Ventilation Requirement: Local exhaust to keep TLV below accepted limits.

Personal Protective

Protection: None needed for proper use in accordance with label directions. Otherwise use a NIOSH/MSHA approved air purifying respiratory equipped organic vapor cartridge.

Equipment:

Protective gloves: None

Eye protection: Safety glasses

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

Isopropyl alcohol cas#:(67-63-0) [40-50%]

Components with workplace control parameters

TWA 200 ppm USA. ACGIH Threshold Limit Values
(TLV)

Eye & Upper Respiratory Tract irritation

Central Nervous System impairment

Not classifiable as a human carcinogen

STEL 400 ppm USA. ACGIH Threshold Limit Values
(TLV)

Eye & Upper Respiratory Tract irritation

Central Nervous System impairment

Not classifiable as a human carcinogen

TWA 400 ppm USA. OSHA - TABLE Z-1 Limits for
980 mg/m3 Air Contaminants - 1910.1000

STEL 500 ppm USA. OSHA - TABLE Z-1 Limits for
1,225 mg/m3 Air Contaminants - 1910.1000

TWA 400 ppm USA. Occupational Exposure Limits
980 mg/m3 (OSHA) - Table Z-1 Limits for Air
Contaminants

The value in mg/m3 is approximate.

TWA 400 ppm USA. NIOSH Recommended
980 mg/m3 Exposure Limits

ST 500 ppm USA. NIOSH Recommended
1,225 mg/m3 Exposure Limits

SDS

Hydro Cut (Bulk)

SDS Number: S550A

Revision Date: 3/29/2022

Page 4 of 6

9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Transparent liquid	Odor:	Solvent
Physical State:	Liquid	Molecular Formula:	NA
Particle Size:	NA	Solubility:	Complete
Spec Grav./Density:	(H2O=1): 0.862 @ 70 Deg. F.	Softening Point:	NA
Viscosity:	NA	Percent Volatile:	NA
Saturated Vapor Concentration:	NA	Heat Value:	NA
Boiling Point:	170 Deg. F.	Freezing/Melting Pt.:	NA
Vapor Pressure:	NA @ 70 Deg. F.	Flash Point:	(Conc.) : 41 Deg. F.
pH:	9 +/- 1	Octanol:	NA
Evap. Rate:	NA	Vapor Density:	(Air=1): Greater than 1
Molecular weight:	NA	VOC:	69.1%
		Bulk Density:	NA

10

STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Contact with oxidizing agents, heat
Materials to Avoid:	Strong oxidizing agents
Hazardous Decomposition:	Material decomposed by the fire may produce oxides of carbon, nitrogen and phosphorus.
Hazardous Polymerization:	Will not occur

11

TOXICOLOGICAL INFORMATION

Isopropyl alcohol cas#:(67-63-0) [40-50%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 5,045 mg/kg Remarks: Behavioral:Altered sleep time (including change in righting reflex).

Behavioral:Somnolence (general depressed activity).

LC50 Inhalation - rat - 8 h - 16000 ppm

LD50 Dermal - rabbit - 12,800 mg/kg

no data available

Skin corrosion/irritation: Skin - rabbit Result: Mild skin irritation

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

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Propanol)

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.

SDS

Hydro Cut (Bulk)

SDS Number: S550A

Revision Date: 3/29/2022

Page 5 of 6

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: NT8050000

Central nervous system depression, prolonged or repeated exposure can cause:, Nausea, Headache, Vomiting, narcosis, Drowsiness, Overexposure may cause mild, reversible liver effects.
Kidney - Irregularities - Based on Human Evidence

12

ECOLOGICAL INFORMATION

Isopropyl alcohol cas#:(67-63-0) [40-50%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 9,640.00 mg/l - 96 h.

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 5,102.00 mg/l - 24 h.

other aquatic invertebrates

Immobilization EC50 - Daphnia magna (Water flea) - 6,851 mg/l - 24 h

Toxicity to algae EC50 - Desmodesmus subspicatus (green algae) - > 2,000.00 mg/l - 72 h.

EC50 - Algae - > 1,000.00 mg/l - 24 h

Persistence and degradability: no data available

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

13

DISPOSAL CONSIDERATIONS

Dispose of according to local, state or federal regulations.

14

TRANSPORT INFORMATION

UN/NA NUMBER: 1987

PROPER SHIPPING NAME: Alcohols, n.o.s.

HAZARD CLASS: 3

PACKAGING GROUP : II

LETTER:..... F (Highly flammable)

SDS

Hydro Cut (Bulk)

SDS Number: S550A

Revision Date: 3/29/2022

Page 6 of 6

ENVIRONMENTAL HAZARD: Because of modern treatment methods or method of use of this product, only an insignificant amount of the ingredients reaches the environment. That amount is at such levels as to typically not cause any adverse effects.

REPORTABLE QUANTITY: None

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

[40-50%] Isopropyl alcohol (67-63-0) MASS, NJHS, NRC, OSHAWAC, PA, TSCA, TXAIR

[40-60%] Distillates, petroleum, hydrotreated light (64742-47-8) 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

 MASS = MA Massachusetts Hazardous Substances List
 NJHS = NJ Right-to-Know Hazardous Substances
 NRC = Nationally Recognized Carcinogens
 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

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.

N/A = Not available N/D = Not determined

Revision Date: 3/29/2022