

Hydro Cut

SDS Number: A120A

Revision Date: 3/28/2022

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
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Harahan, LA 70123

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Product Identifier: Hydro Cut
SDS Number: A120A
Product Code: A120
Revision Date: 3/28/2022
Product Use: Coolant Lubricant for Drills-Taps-Cutting Tools

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, Flammable Aerosols, 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:

H222 - Extremely flammable aerosol
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 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].

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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 - Store in a well-ventilated place.
 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: Can cause irritation of nasal and respiratory passages. Abusive inhalation may cause irritation to the upper respiratory tract.
Skin Contact: Prolonged contact may cause irritation.
Eye Contact: Cause slight irritation, but does not injure eye.
Ingestion: Can cause gastrointestinal irritation, nausea, diarrhea, vomiting. Minimal toxicity.

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
25322-68-3		Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-

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: Do not induce vomiting. Get medical attention.

5 FIRE FIGHTING MEASURES

Flammability: Extremely flammable spray
Burning Rate: ND
Autoignition Temp: ND
LEL: ND
UEL: ND

Extinguishing media: Foam, dry chemical, carbon dioxide, water

Special Fire fighting procedures: Use self-contained breathing apparatus and protective clothing.

Unusual Fire & Explosion Hazard: Exposure to temperature above 120 Deg. F. may cause bursting.

6 ACCIDENTAL RELEASE MEASURES

Allow propellant to evaporate. Absorb with suitable medium.

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7	HANDLING AND STORAGE
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Handling Precautions: Store in a cool, dry area away from sparks, heat, flames and any other source of ignition. For industrial and institutional use only.

Level 3 Aerosol

Storage Requirements: Store in a cool, dry area away from sparks, heat, flames and any other source of ignition. Keep out of reach of children.

Level 3 Aerosol.

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineering Controls: Ventilation Requirement: Local exhaust

Personal Protective Equipment: Respiratory Protection: None needed for proper use in accordance with label directions.
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 980 mg/m3 USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000

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

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

The value in mg/m3 is approximate.

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

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

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Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- cas#:(25322-68-3) []

Components with workplace control parameters

 TWA 10 mg/m3 USA. Workplace Environmental
 Exposure Levels (WEEL)

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid	Odor:	Alcohol
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
pH:	NA	Octanol:	NA
Evap. Rate:	NA	Vapor Density:	(Air=1): > 1
Molecular weight:	NA	VOC:	47%
		Bulk Density:	NA

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STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Contact with strong oxidizing agents. heat
Materials to Avoid:	Strong oxidizing agents
Hazardous Decomposition:	Carbon monoxide, Carbon dioxide
Hazardous Polymerization:	Will not occur

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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

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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.

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

Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- cas#:(25322-68-3) []

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - > 5,000 mg/kg

Inhalation: no data available

LD50 Dermal - rabbit - > 5,000 mg/kg

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: Eyes - rabbit Result: No eye irritation (Draize Test)

Respiratory or skin sensitisation: - guinea pig Did not cause sensitisation on laboratory animals. (OECD Test Guideline 406)

Germ cell mutagenicity: Animal testing did not show any mutagenic effects. Not mutagenic in Ames Test.

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

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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: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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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

Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- cas#:(25322-68-3) []

Information on ecological effects

Toxicity:

Toxicity to fish static test - Leuciscus idus (Golden orfe) - > 500 mg/l - 96 h.

(DIN 38412)

Persistence and degradability: Biodegradability Result: - Biodegradable

Bioaccumulative potential: Does not accumulate in organisms.

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

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Other adverse effects: no data available

13	DISPOSAL CONSIDERATIONS
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Dispose of according to local, state or federal regulations.

14	TRANSPORT INFORMATION
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Proper Shipping Name: Consumer Commodity, ORM-D

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

[--%] Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- (25322-68-3) 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

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