

## Hydro Cut

MSDS Number: A120F

Revision Date: 9/17/2014

Page 1 of 11

### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Wechem, Inc  
5734 Susitna Dr  
Harahan, LA 70123

**Contact:** Ligia M. Hernandez  
**Phone:** 504-733-1152  
**Fax:** 504-733-2218  
**Web:** www.wechem.com

**Product Name:** Hydro Cut  
**Revision Date:** 9/17/2014  
**MSDS Number:** A120F  
**Product Code:** A120

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

### 2 HAZARDS IDENTIFICATION

- Route of Entry:** Ingestion, skin absorption, eye, inhalation
- Target Organs:** May cause narcotic effects.
- 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 serious eye irritation.
- Ingestion:** Can cause gastrointestinal irritation, nausea, diarrhea, vomiting. Minimal toxicity.

PERSONAL PROTECTION INDEX									
A									
B		+							
C		+		+					
D		+		+					
E		+		+					
F		+		+		+			
G		+		+					
H		+		+		+			
I		+		+					
J		+		+		+			
K		+		+		+			
X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions								
A		n		o		p		q	
r	Synthetic Apron		s	Full Suit		Additional Information			
t		u		w		y		z	

## Hydro Cut

MSDS Number: A120F

Revision Date: 9/17/2014

Page 2 of 11

GHS Signal Word:  
DANGER

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Aerosols, 1  
Health, Serious Eye Damage/Eye Irritation, 2 A  
Health, Specific target organ toxicity - Single exposure, 3  
Environmental, Hazards to the aquatic environment - Acute, 2  
Environmental, Hazards to the aquatic environment - Chronic, 2

GHS Phrases:

H222 - Extremely flammable aerosol  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness  
H401 - Toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Pressurized container: Do not pierce or burn, even after use.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P264 - Wash thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
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.

P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P403 - Store in a well ventilated place.  
P233 - Keep container tightly closed.  
P405 - Store locked up.  
P410 - Protect from sunlight.  
P412 - Do not expose to temperatures exceeding 50 °C/122 °F  
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

## Hydro Cut

MSDS Number: A120F

Revision Date: 9/17/2014

Page 3 of 11

3

### COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
67-64-1	Acetone	40-60%	1000	500	D
106-97-8	Butane	10-20%	1000	NA	D
64742-47-8	Distillates, petroleum, hydrotreated light	2.5-10%	100	100	D
74-98-6	Propane	2.5-10%	1000	NA	D
	Other components below reportable levels	20-40%			

4

### FIRST AID MEASURES

- Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if symptoms develop or persist.
- Skin Contact:** Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention if irritation develops and persists.
- Ingestion:** In the unlikely event of swallowing, contact a physician or poison control center.

## Hydro Cut

MSDS Number: A120F

Revision Date: 9/17/2014

Page 4 of 11

5

### FIRE FIGHTING MEASURES

**Flammability:** Extremely flammable aerosol  
**Flash Point:** -156 Deg F (-104.44 Deg C) Propellant estimated  
**Burning Rate:** ND  
**Autoignition Temp:** ND  
**LEL:** ND  
**UEL:** ND

Extinguishing media: Water fog. Dry chemical powder. Alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>). Do not use water jet as an extinguisher, as this will spread the fire.

Special Fire fighting procedures: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Unusual Fire & Explosion Hazard: Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk. In the event of fire and/or explosion do not breathe fumes.

Extremely flammable aerosol.

6

### ACCIDENTAL RELEASE MEASURES

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Collect spillage. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Environmental manager must be informed of all major releases. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

## Hydro Cut

MSDS Number: A120F

Revision Date: 9/17/2014

Page 5 of 11

7

### HANDLING AND STORAGE

**Handling Precautions:**

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Use non-sparking tools or explosion-proof equipment. Do not re-use empty containers. Avoid breathing mist or vapor. Avoid breathing gas. Avoid contact with eyes. Use only outdoors or in a well-ventilated area. Observe good industrial hygiene practices. Wash hands thoroughly after handling. Do not empty into drains.

**Storage Requirements:**

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50C/122F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Refrigeration recommended. Store away from incompatible materials ( see Section 10 of the SDS). Level 2 Aerosol.

8

### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:**

Explosion-proof general and local exhaust ventilation. Provide eyewash station.

**Personal Protective Equip:**

HMIS PP, B | Goggles, Gloves

Respiratory Protection: If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.

Protective gloves: Use chemical resistant gloves if hand contact will be made.

Eye protection: Safety glasses with side shields/chemical proof goggles.

Wear appropriate chemical resistant clothing.

Wear appropriate thermal protective clothing, when necessary.

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9

### PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Light yellow

**Physical State:**

Gas

**Spec Grav./Density:**

(H2O=1): 0.784 estimated

**Flammability:**

Extremely Flammable

**Vapor Pressure:**

(Can psig @ 70 Deg. F): 30.93 estimated

**Odor:**

Acetone

**Flash Point:**

-156 Deg F (-104.44 Deg C) Propellant ester

**VOC:**

24.5% estimated

## Hydro Cut

MSDS Number: A120F

Revision Date: 9/17/2014

Page 6 of 11

10

### STABILITY AND REACTIVITY

<b>Stability:</b>	Stable and non-reactive under normal conditions of use, storage and transport.
<b>Conditions to Avoid:</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Materials to Avoid:</b>	Strong oxidizing agents. Fluorine. Chlorine. Nitrates.
<b>Hazardous Decomposition:</b>	No hazardous decomposition products are known.
<b>Hazardous Polymerization:</b>	Will not occur

11

### TOXICOLOGICAL INFORMATION

**Ingestion**      Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung edema or pneumonia.

**Inhalation**      Narcotic effects.

**Skin contact**    Causes mild skin irritation.

**Eye contact**    Causes serious eye irritation.

If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Skin irritation. May cause central nervous system effects.

Expected to be a low hazard for usual industrial or commercial handling by trained personnel. Narcotic effects.

#### Components

Acetone (67-64-1)

Dermal LD50 >7426 mg/kg, 24 hours (Guinea pig)

LD50 >9.4 ml/kg, 24 hours (Guinea pig)

LD50 >7426 mg/kg, 24 hours (Rabbit)

LD50 >9.4 ml/kg, 24 hours (Rabbit)

Inhalation LC50 55700 ppm, 3 hours (Rat)

LC50 132 mg/l, 3 hours (Rat)

LC50 50.1 mg/l

Oral LD50 5800 mg/kg (Rat)

LD50 2.2 ml/kg (Rat)

Butane (CAS 106-97-8)

Inhalation LC50 1237 mg/l, 120 mins. (Mouse)

LC50 52%, 120 minutes (Mouse)

LC50 1355 mg/l (Rat)

Distillates, petroleum, hydrotreated light (64742-47-8)

Dermal LD50 >2000 mg/kg, 24 h, (Rabbit)

LD50 >2000 mg/kg, 24 h (Rabbit)

Inhalation LC50 >6.4 mg/l, 6 h, (Cat)

LC50 >7.5 mg/l, 6 h, (Rat)

LC50 >4.3 mg/l, 4 h (Rat)

LC50 >0.1 mg/l, 8 h, (Rat)

Oral LD50 >5000 mg/kg (Rat)

## Hydro Cut

MSDS Number: A120F

Revision Date: 9/17/2014

Page 7 of 11

Propane (CAS 74-98-6)

Inhalation LC50 1237 mg/l, 120 mins. (Mouse)

LC50 52%, 120 minutes (Mouse)

LC50 1355 mg/l (Rat)

LC50 658 mg/l, 4h (Rat)

This product is not a respiratory sensitizer.

This product is not expected to cause skin sensitization.

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

This product is not considered to be a carcinogen by IARC,ACGIH, NTP, or OSHA.

This product is not expected to cause reproductive or developmental effects.

Product may cause narcotic effects.

Product is not likely to be an aspiration hazard due to the form of the product.

12

### ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

Components:

Acetone (CAS 67-64-1)

Crustacea EC50 21.6-23.9 mg/l 48 hrs Water flea (Daphnia magna)

Fish LC50 4740-6330 mg/l 96 hrs Rainbow trout, donaldson trout (Oncorhynchus mykiss)

Distillates, petroleum,hydrotreated light (CAS 64742-47-8)

Fish LC50 2.9 mg/l 96 hrs Rainbow trout, donaldson trout (Oncorhynchus mykiss)

No data is available on the degradability of this product.

No data on bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Acetone -0.24

Propane 2.36

Butane 2.89

No data on the mobility in soil.

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## Hydro Cut

MSDS Number: A120F

Revision Date: 9/17/2014

Page 8 of 11

13

### DISPOSAL CONSIDERATIONS

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Dispose in accordance with all applicable regulations.

The waste code should be assigned in discussion between user, the producer and the waste disposal company.

US RCRA Hazardous Waste U List: Reference

Acetone (CAS 67-64-1) U002

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.



## Hydro Cut

MSDS Number: A120F

Revision Date: 9/17/2014

Page 9 of 11

14

### TRANSPORT INFORMATION

#### DOT

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity until 12/31/2020, the "Consumer Commodity-ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/21/20 and may be used now in place of the "Consumer Commodity ORM-D" marking on both and may be displayed concurrently.

#### IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	Yes
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed
Aircraft	
Cargo aircraft only	Allowed
Packaging exceptions	LTD QTY

#### IMDG

UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	None
Packing group	Not applicable
Environmental hazards	
Marine pollutant	Yes
EmS	Not available.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Packaging exceptions	LTD QTY
Transport in bulk according to AnnexII of MARPOL 73/78 and	Not applicable.

---

## Hydro Cut

MSDS Number: A120F

Revision Date: 9/17/2014

Page 10 of 11

the IBC Code



## Hydro Cut

MSDS Number: A120F

Revision Date: 9/17/2014

Page 11 of 11

15

### REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

- 
- \*Acetone (67641 40-60%) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, TOXICRCRA, TSCA, TXAIR, TXHWL
  - \*Butane (106978 10-20%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR
  - \*Distillates, petroleum, hydrotreated light (64742478 2.5-10%) TSCA
  - \*Propane (74986 2.5-10%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR
  
  - \*1,4-Dioxane (123911 0.01-0.1%) CERCLA, HAP, MASS, NJHS, NRC, OSHAWAC, PA, PROP65, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL
  - \*Ethylene oxide (75218 0.01-0.1%) CERCLA, EHS302, HAP, MASS, NJEHS, NJHS, NRC, OSHAHTS, OSHAPSM, OSHAWAC, PA, PROP65, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL
  - \*Propylene oxide (75569 0.01-0.1%) CERCLA, CSWHS, EHS302, EPCRAWPC, HAP, MASS, NJEHS, NJHS, NRC, OSHAWAC, PA, PROP65, SARA313, TSCA, TXAIR

US. California Proposition 65: WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

#### REGULATORY KEY DESCRIPTIONS

-----

MASS = MA Massachusetts Hazardous Substances List  
 OSHAWAC = OSHA workplace Air Contaminants  
 PA = PA Right-To-Know List of Hazardous Substances  
 TXAIR = TX Air Contaminants with Health Effects Screening Level  
 CERCLA = Superfund clean up substance  
 HAP = Hazardous Air Pollutants  
 NJHS = NJ Right-to-Know Hazardous Substances  
 TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
 TSCA = Toxic Substances Control Act  
 TXHWL = TX Hazardous waste List  
 NRC = Nationally Recognized Carcinogens  
 PROP65 = CA Prop 65  
 SARA313 = SARA 313 Title III Toxic Chemicals  
 EHS302 = Extremely Hazardous Substance  
 NJEHS = NJ Extraordinarily Hazardous Substances  
 OSHAHTS = OSHA Hazardous and Toxic Substances  
 OSHAPSM = OSHA Chemicals Requiring process safety management  
 CSWHS = Clean water Act Hazardous substances  
 EPCRAWPC = EPCRA Water Priority Chemicals

16

### 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