



# CCFOUP/AL

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

DRIVING SURFACE PERFECTION

Date of issue: 05-25-2018

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Version: 1.2

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Trade name : CCFOUP/AL  
Product code : CCFOUP/AL  
UP Number : UP0851  
Product group : Aerosol

#### 1.2. Recommended use and restrictions on use

Recommended use : Coating

#### 1.3. Supplier

U-POL CANADA LIMITED  
P.O. Box P.O. BOX 48600  
BC V7X 1T2 VANCOUVER - CANADA  
T 1-800-424-9300  
[technicalsupport@u-pol.com](mailto:technicalsupport@u-pol.com) - [www.u-pol.com](http://www.u-pol.com)

#### 1.4. Emergency telephone number

Emergency number : 1-800-424-9300 (CHEMTREC)

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Flammable aerosol Category 1 H222  
Serious eye damage/eye irritation Category 2 H319  
Specific target organ toxicity (single exposure) Category 3 H336  
Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS CA labeling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) : Danger

Hazard statements (GHS CA) : H222 - Extremely flammable aerosol  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness

Precautionary statements (GHS CA) : P211 - Do not spray on an open flame or other ignition source.  
P251 - Do not pierce or burn, even after use.  
P261 - Avoid breathing vapors, spray, fume.  
P264 - Wash hands thoroughly after handling.  
P280 - Wear protective gloves, protective clothing, eye protection.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 - Call a POISON CENTER if you feel unwell.

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS CA)

No data available

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

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Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
acetone	2-propanon / 2-propanone / acetone / acetone NF / acetone oil / AI3-01238 / Caswell No.004 / chevron acetone / dimethyl formaldehyde / dimethyl ketone / dimethylketal / Dimethylketon / DMK (=dimethyl ketone) / FEMA No 3326 / ketone propane / KTI acetone / methyl acetyl / pyroacetic acid / pyroacetic ether / pyroacetic spirit / STEC 4908105	(CAS-No.) 67-64-1	15 - 30	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation	: Cough. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Direct contact with the eyes is likely to be irritating. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

#### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: Shortness of breath. May cause drowsiness or dizziness.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

#### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

#### 5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.3. Specific hazards arising from the hazardous product

Fire hazard	: Extremely flammable aerosol.
Explosion hazard	: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

#### 5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. DO NOT fight fire when fire reaches explosives. Evacuate area.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : No open flames. No smoking. Isolate from fire, if possible, without unnecessary risk. Remove ignition sources. Use special care to avoid static electric charges.

#### 6.2. Methods and materials for containment and cleaning up

For containment	: Contain released product. Collect spillage.
Methods for cleaning up	: Store away from other materials.

#### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing spray, vapors. Use only outdoors or in a well-ventilated area. Do not spray on an open flame or other ignition source.
- Hygiene measures : Wash hands thoroughly after handling.
- Additional hazards when processed : Hazardous waste due to potential risk of explosion. Pressurized container: Do not pierce or burn, even after use.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Proper grounding procedures to avoid static electricity should be followed.
- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Heat sources, Ignition sources, Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep in fireproof place.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.
- Storage temperature : < 25 °C
- Storage area : Store in a well-ventilated place.
- Special rules on packaging : Keep only in original container.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

acetone (67-64-1)		
Alberta	OEL STEL (ppm)	500 ppm
Alberta	OEL TWA (ppm)	250 ppm
Alberta	Notations and remarks	eye irr; CNS impair; BEI
British Columbia	OEL STEL (ppm)	500 ppm
British Columbia	OEL TWA (ppm)	250 ppm
British Columbia	Notations and remarks	eye irr; CNS impair; BEI
Manitoba	OEL STEL (ppm)	500 ppm
Manitoba	OEL TWA (ppm)	250 ppm
Manitoba	Notations and remarks	eye irr; CNS impair; BEI
New Brunswick	OEL STEL (ppm)	500 ppm
New Brunswick	OEL TWA (ppm)	250 ppm
New Brunswick	Notations and remarks	eye irr; CNS impair; BEI
Newfoundland & Labrador	OEL STEL (ppm)	500 ppm
Newfoundland & Labrador	OEL TWA (ppm)	250 ppm
Newfoundland & Labrador	Notations and remarks	eye irr; CNS impair; BEI
Nova Scotia	OEL STEL (ppm)	500 ppm
Nova Scotia	OEL TWA (ppm)	250 ppm
Nova Scotia	Notations and remarks	eye irr; CNS impair; BEI
Nunavut	OEL STEL (ppm)	500 ppm
Nunavut	OEL TWA (ppm)	250 ppm
Nunavut	Notations and remarks	eye irr; CNS impair; BEI
Northwest Territories	OEL STEL (ppm)	500 ppm
Northwest Territories	OEL TWA (ppm)	250 ppm
Northwest Territories	Notations and remarks	eye irr; CNS impair; BEI
Ontario	OEL STEL (ppm)	750 ppm
Ontario	OEL TWA (ppm)	500 ppm
Ontario	Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
Prince Edward Island	OEL STEL (ppm)	500 ppm

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acetone (67-64-1)		
Prince Edward Island	OEL TWA (ppm)	250 ppm
Prince Edward Island	Notations and remarks	eye irr; CNS impair; BEI
Saskatchewan	OEL STEL (ppm)	750 ppm
Saskatchewan	OEL TWA (ppm)	500 ppm

### 8.2. Appropriate engineering controls

No additional information available

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Avoid all unnecessary exposure. Gloves. Protective clothing. Safety glasses.

#### Materials for protective clothing:

Impermeable clothing

#### Hand protection:

Wear protective gloves.

#### Eye protection:

Chemical goggles or safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

#### Personal protective equipment symbol(s):



#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Aerosol.
Color	: Colorless
Odor	: characteristic
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Extremely flammable aerosol
Vapor pressure	: No data available
Vapor pressure at 50 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 0.695 g/cm <sup>3</sup>
Solubility	: Immiscible with water.
Log Pow	: No data available

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Viscosity, dynamic : ≈  
Explosion limits : No data available

### 9.2. Other information

Gas group : Press. Gas (Liq.)  
As Packaged Regulatory VOC : 668 g/l (5.6 lbs/gal)  
As Packaged Actual VOC : 521 g/l (4.3 lbs/gal)  
As Applied Regulatory VOC : 668 g/l (5.6 lbs/gal)  
As Applied Actual VOC : 521 g/l (4.3 lbs/gal)  
Water Content : 0 wt%  
Volatiles : 100 wt%  
Percent Solids : 0 wt%

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Chemical stability : Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Extreme risk of explosion by shock, friction, fire or other sources of ignition.  
Possibility of hazardous reactions : Not established.  
Conditions to avoid : Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Open flame. Overheating.  
Incompatible materials : Strong acids. Strong bases.  
Hazardous decomposition products : fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

acetone (67-64-1)	
LD50 oral rat	5800 mg/kg (Equivalent or similar to OECD 401, Rat, Female, Experimental value, Oral)
LD50 dermal rabbit	20000 mg/kg (Equivalent or similar to OECD 402, Rabbit, Male, Experimental value, Dermal)
LC50 inhalation rat (mg/l)	76 mg/l (Other, 4 h, Rat, Female, Experimental value, Inhalation (vapours))
ATE CA (oral)	5800 mg/kg body weight
ATE CA (Dermal)	20000 mg/kg body weight
ATE CA (vapors)	76 mg/l/4h
ATE CA (dust,mist)	76 mg/l/4h

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Causes serious eye irritation.  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

Reproductive toxicity : Not classified

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

acetone (67-64-1)	
Specific target organ toxicity – single exposure	May cause drowsiness or dizziness.

: Not classified

Specific target organ toxicity – repeated exposure

Aspiration hazard : Not classified

CCFOUP/AL	
Vaporizer	Aerosol

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects after inhalation : Shortness of breath. May cause drowsiness or dizziness.

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Symptoms/effects after eye contact : Causes serious eye irritation.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Aquatic acute : Not classified  
Aquatic chronic : Not classified

acetone (67-64-1)	
LC50 fish 1	5540 mg/l (EU Method C.1, 96 h, Salmo gairdneri, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 96h algae (1)	> 7000 mg/l (Selenastrum capricornutum, Static system, Fresh water, Experimental value, Nominal concentration)
BCF fish 1	0.69 (Pisces)
BCF other aquatic organisms 1	3 (BCFWIN, Calculated value)
Log Pow	-0.24 (Test data)

#### 12.2. Persistence and degradability

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Persistence and degradability	Not established.

  

acetone (67-64-1)	
Persistence and degradability	Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.43 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.92 g O <sub>2</sub> /g substance
ThOD	2.2 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0.872 (20 day(s), Literature study)

#### 12.3. Bioaccumulative potential

CCFOUP/AL	
Bioaccumulative potential	Not established.

  

acetone (67-64-1)	
Bioaccumulative potential	Not bioaccumulative.
BCF fish 1	0.69 (Pisces)
BCF other aquatic organisms 1	3 (BCFWIN, Calculated value)
Log Pow	-0.24 (Test data)

#### 12.4. Mobility in soil

acetone (67-64-1)	
Surface tension	0.0237 N/m
Ecology - soil	No (test)data on mobility of the substance available.
Log Pow	-0.24 (Test data)

#### 12.5. Other adverse effects

Ozone : Not classified  
Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Regional legislation (waste) : Disposal must be done according to official regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to Remove waste in accordance with local and/or national regulations. Container under pressure. Do not drill or burn even after use.  
Additional information : Flammable vapors may accumulate in the container.  
Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

#### 14.1. Basic shipping description

In accordance with TDG

#### Transportation of Dangerous Goods

UN-No. (TDG) : UN1950

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TDG Primary Hazard Classes : 2.1 - Class 2.1 - Flammable Gas.  
Transport document description : UN1950 AEROSOLS (flammable), 2.1  
Proper Shipping Name (Transportation of Dangerous Goods) : AEROSOLS  
flammable

Hazard labels (TDG) : 2.1 - Flammable gases



TDG Special Provisions : 80 - Despite section 1.17 of Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases, a person must not offer for transport or transport these dangerous goods unless they are in a means of containment that is in compliance with section 5.11 of Part 5, Means of Containment, except that the requirement for aerosol containers to be tightly packed in a wood, fibreboard or plastic box does not apply to a user or purchaser who transports no more than six aerosol containers. For a similar rule respecting aerosol containers, see subparagraph 1.15(1)(a)(i) of Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases. SOR/2012-245  
107 - (1)These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2, (Classification), do not apply to the handling, offering for transport or transporting of UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES, that contain dangerous goods included in Class 2.1 or Class 2.2 and that are transported on a road vehicle, a railway vehicle or a ship on a domestic voyage, if the aerosols or gas cartridges have a capacity less than or equal to 50 mL. (2)Subsection (1) does not apply to self-defence spray. SOR/2014-306

Explosive Limit and Limited Quantity Index : 1 L

### 14.2. Transport information/DOT

#### Department of Transport

DOT NA No : UN1950  
UN-No.(DOT) : 1950  
Transport document description : UN1950 Aerosols, 2.1  
Proper Shipping Name (DOT) : Aerosols  
Contains Statement Field Selection (DOT) :  
Class (DOT) : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115  
Division (DOT) : 2.1  
Hazard labels (DOT) : 2.1 - Flammable gas



Dangerous for the environment : No  
DOT Special Provisions (49 CFR 172.102) : N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.  
DOT Packaging Exceptions (49 CFR 173.xxx) : 306  
DOT Packaging Non Bulk (49 CFR 173.xxx) : None  
DOT Packaging Bulk (49 CFR 173.xxx) : None  
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg  
DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.  
DOT Vessel Stowage Other : 25 - Protected from sources of heat, 87 - Stow "separated from" Class 1 (explosives) except Division 14, 126 - Segregation same as for Class 9, miscellaneous hazardous materials  
Emergency Response Guide (ERG) Number : 126  
Other information : No supplementary information available.

### 14.3. Air and sea transport

#### IMDG

UN-No. (IMDG) : 1950

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Proper Shipping Name (IMDG) : AEROSOLS  
Transport document description (IMDG) : UN 1950 AEROSOLS, 2.1  
Class (IMDG) : 2 - Gases

### IATA

UN-No. (IATA) : 1950  
Proper Shipping Name (IATA) : Aerosols, flammable  
Transport document description (IATA) : UN 1950 Aerosols, flammable, 2.1  
Class (IATA) : 2

## SECTION 15: Regulatory information

### 15.1. National regulations

#### acetone (67-64-1)

Listed on the Canadian DSL (Domestic Substances List)

### 15.2. International regulations

#### acetone (67-64-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

## SECTION 16: Other information

SDS Major/Minor : None  
Date of issue : 05-25-2018  
Revision date : 08-13-2019  
Supersedes : 08-06-2019

Other information : None.

Full text of H-phrases:

H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapor
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

SDS Canada U-POL

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*