



1801 Morgan Street
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 Phone: (815) 968-9661
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SDS Number: 209
 Revision Date: 08/12/2016
 Supersedes Date: 02/25/2016

SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Name: CORONA DOPE

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Type:	Coating	Emergency Contact:	Chemtrec
Product Name:	Corona Dope	Phone:	(800) 424-9300
Part Number(s):	10-4702		

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Ratings:

Flammable liquid	2	Flash point < 23°C and initial boiling point > 35°C (95°F)
Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Mutagen	1B	Known to produce heritable mutations in human germ cells Subcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity
Carcinogen	1A	Known Human Carcinogen Based on human evidence
Reproductive toxin	1A	Based on human evidence
Aspiration hazard	1	Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity ? 20.5 mm ² /s at 40° C.

GHS Hazards

H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H340	May cause genetic defects
H350	May cause cancer
H360	May damage fertility or the unborn child

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/.../equipment

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SECTION 2. HAZARDS IDENTIFICATION (CONTINUED)

P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P264	Wash ... thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P321	Specific treatment (see ... on this label)
P331	Do NOT induce vomiting
P362	Take off contaminated clothing and wash before reuse
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+P352	IF ON SKIN: Wash with soap and water
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	If skin irritation occurs: Get medical advice/attention
P337+P313	Get medical advice/attention
P370+P378	In case of fire: Use ... for extinction
P405	Store locked up
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container to ...





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SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
TOLUENE	108-88-3	30.00% - 40.00%
ETHYL ALCOHOL DENATURED	64-17-5	30.00% - 40.00%
2-BUTANONE	78-93-3	10.00% - 20.00%
CELLULOSE, ETHYL ETHER	9004-57-3	5.00% - 10.00%
METHYL ISOBUTYL KETONE	108-10-1	5.00% - 10.00%
TRIGLYCERIDE OF FATTY ACIDS	8001-31-8	1.00% - 5.00%

SECTION 4. FIRST AID MEASURES

If affected by inhalation of vapors or spray mist, remove to fresh air and get immediate medical attention. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get immediate medical attention.
If contact wash thoroughly with soap and water and flush skin with plenty of water for at least 15 minutes while removing contaminated clothing/shoes. Get immediate medical attention and wash clothing before reuse. Destroy Shoes.
If Swallowed get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point: -9 C (16 F)
LEL: 1.00 UEL:
fire and explosion hazard data
EXTINGUISHING MEDIA: Use carbon dioxide (CO2), "alcohol" foam, dry chemical, or water spray/water fog extinguishing systems.
special fire fighting proedures: use niosh/msha approved gas amsh for fire fighting prsonal, water may be used to cool containers. if water is used fog nozzles are preferred.



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SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES: Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personnel away from the contaminated area.

see supervisor

Follow prescribed recommended facility procedure.

SECTION 7. HANDLING AND STORAGE

RESPIRATORY PROTECTION: NIOSH/OSHA APPROVED RESPIRATOR TYPES SUITABLE FOR MATERIALS IN SECTION 2 RECOMMENDED. APPROVED CHEMICAL FILTERS RECOMMENDED WHEN VENTILATION IS RESTRICTED.
VENTILATION: SUFFICIENT, IN VOLUME AND PATTERN SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGIH'S LIMIT. USE WITH ADEQUATE VENTILATION.
PROTECTIVE GLOVES: RECOMMENDED FOR PROLONGED OR REPEATED CONTACT. CHEMICAL RESISTANT PLASTIC OR RUBBER
EYE PROTECTION: CHEMICAL GOGGLES WITH SIDE SHIELDS OR FACE SHIELD RECOMMENDED. AVOID CONTACT WITH EYES
OTHER PROTECTIVE EQUIPMENT: EYE BATH AND SAFETY SHOWER.
HYGIENIC PRACTICES: AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE AWAY FROM HEAT, SPARKS AND OPEN FLAME. AVOID PROLONGED SKIN CONTACT. DO NOT BREATHE SPRAY MIST. STORE IN A COOL DRY AREA WITH VENTILATION SUITABLE FOR MATERIALS SHOWN IN SECTION II.
OTHER PRECAUTIONS: GROUND CONTAINERS WHILE POURING. AVOID SPONTANEOUS COMBUSTION OR CONTAMINATED RAGS OR OTHER ORGANIC MATERIALS. EMPTY CONTAINERS MAY BE RETAIN HAZARDOUS PROPERTIES AND CAN BE DANGEROUS.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
TOLUENE 108-88-3	200 ppm TWA	20 ppm TWA	NIOSH: 100 ppm TWA; 375 mg/m ³ TWA 150 ppm STEL; 560 mg/m ³ STEL
ETHYL ALCOHOL DENATURED 64-17-5	1000 ppm TWA; 1900 mg/m ³ TWA	1000 ppm STEL	NIOSH: 1000 ppm TWA; 1900 mg/m ³ TWA
2-BUTANONE 78-93-3	200 ppm TWA; 590 mg/m ³ TWA	300 ppm STEL 200 ppm TWA	NIOSH: 200 ppm TWA; 590 mg/m ³ TWA 300 ppm STEL; 885 mg/m ³ STEL



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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION CONTINUED

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
CELLULOSE, ETHYL ETHER 9004-57-3	Not Established	Not Established	Not Established
METHYL ISOBUTYL KETONE 108-10-1	100 ppm TWA; 410 mg/m3 TWA	75 ppm STEL 20 ppm TWA	NIOSH: 50 ppm TWA 205 mg/m3 TWA 75 ppm STEL; 300 mg/m3 STEL
TRIGLYCERIDE OF FATTY ACIDS 8001-31-8	Not Established	Not Established	Not Established

Use explosion proof equipment and good manufacturing practices
 Use only with adequate ventilation.
 Follow guidelines as stated on the formula carefully.
 Personal protective equipment for the body should be selected based on the task being performed and the risks involved before handling this product.
 Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range 78 to 117 °C Density, lb/gl 7.4 lbs/gl Non-Volatile by Volume 16.2 Percent VOC Percent by Volume 83.8 Percent VOCs, lb/gl 5.96 lbs/gl	Specific Gravity (SG) 0.886 Non-Volatile by Weight 19.5 Percent VOC Percent by Weight 80.5 Percent N/A VOCs gram/liter 714 g/l
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SECTION 10. STABILITY AND REACTIVITY

Hazardous polymerization will not occur.



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SECTION 11. TOXICOLOGICAL INFORMATION

Mixture Toxicity

Oral Toxicity LD50: 3,828mg/kg
 Inhalation Toxicity LC50: 25mg/L

Component Toxicity

108-88-3	TOLUENE Oral LD50: 2,600 mg/kg (Rat) Inhalation LC50: 13 mg/L (Rat)
64-17-5	ETHYL ALCOHOL DENATURED Inhalation LC50: 125 mg/L (Rat)
78-93-3	2-BUTANONE Oral LD50: 2,483 mg/kg (Rat) Dermal LD50: 5,000 mg/kg (Rabbit)
108-10-1	METHYL ISOBUTYL KETONE Oral LD50: 2,080 mg/kg (Rat) Dermal LD50: 3,000 mg/kg (Rabbit) Inhalation LC50: 8 mg/L (F)

Blood	Eyes	Kidneys	Liver	Central Nervous System	Reproductive System
Skin	Respiratory System				

Effects of Overexposure

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
108-10-1	METHYL ISOBUTYL KETONE	5 to 10%	METHYL ISOBUTYL KETONE: IARC: Possible human carcinogen OSHA: listed
64-17-5	ETHYL ALCOHOL DENATURED	0 to 40%	ETHYL ALCOHOL DENATURED: IARC: Human carcinogen OSHA: listed



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SECTION 12. ECOLOGICAL INFORMATION

Component Ecotoxicity

TOLUENE

96 Hr LC50 Pimephales promelas: 15.22 - 19.05 mg/L [flow-through] (1 day old); 96 Hr LC50 Pimephales promelas: 12.6 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 5.89 - 7.81 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 14.1 - 17.16 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 5.8 mg/L [semi-static]; 96 Hr LC50 Lepomis macrochirus: 11.0 - 15.0 mg/L [static]; 96 Hr LC50 Oryzias latipes: 54 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 28.2 mg/L [semi-static]; 96 Hr LC50 Poecilia reticulata: 50.87 - 70.34 mg/L [static]
48 Hr EC50 Daphnia magna: 5.46 - 9.83 mg/L [Static]; 48 Hr EC50 Daphnia magna: 11.5 mg/L
96 Hr EC50 Pseudokirchneriella subcapitata: >433 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 12.5 mg/L [static]

ETHYL ALCOHOL DENATURED

96 Hr LC50 Oncorhynchus mykiss: 12.0 - 16.0 mL/L [static]; 96 Hr LC50 Pimephales promelas: >100 mg/L [static]; 96 Hr LC50 Pimephales promelas: 13400 - 15100 mg/L [flow-through]
48 Hr LC50 Daphnia magna: 9268 - 14221 mg/L; 48 Hr EC50 Daphnia magna: 2 mg/L [Static]

2-BUTANONE

96 Hr LC50 Pimephales promelas: 3130 - 3320 mg/L [flow-through]
48 Hr EC50 Daphnia magna: >520 mg/L; 48 Hr EC50 Daphnia magna: 5091 mg/L; 48 Hr EC50 Daphnia magna: 4025 - 6440 mg/L [Static]

METHYL ISOBUTYL KETONE

96 Hr LC50 Pimephales promelas: 496 - 514 mg/L [flow-through]
48 Hr EC50 Daphnia magna: 170 mg/L
96 Hr EC50 Pseudokirchneriella subcapitata: 400 mg/L



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SECTION 13. DISPOSAL CONSIDERATIONS

As the US EPA, State, regional, and other regulatory agencies may have jurisdiction over the disposal of your facility's hazardous waste. It is incumbent upon you, the hazardous waste generator, to learn of and satisfy all the requirements which affect you. Dispose of the hazardous waste at a properly licensed and permitted disposal site or facility. Ensure conformity to all applicable hazardous waste disposal regulations.

The US EPA Hazardous Waste Numbers which follow are applicable to this unadulterated product if the product enters the "waste stream" Refer to the Title 40 of the Code of Federal Regulations, part 261 (40 CFR 261) This part of the Code identifies solid wastes which are subject to regulation under various sections of the Code and which are subject to the notification requirements of Section 3010 of the Resource Conservation and Recovery Act (RCRA)

SECTION 14. TRANSPORTATION INFORMATION

Not Applicable

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT/IATA	PAINT	UN1263	PGII	3

SECTION 15. REGULATORY INFORMATION

Additional regulatory listings where applicable

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- 108-10-1 METHYL ISOBUTYL KETONE 5 to 10 % Carcinogen, Carcinogen
- 64-17-5 ETHYL ALCOHOL DENATURED 30 to 40 % Carcinogen, Carcinogen
- 108-88-3 TOLUENE 30 to 40 % Carcinogen

SARA HAZARD CLASSIFICATION

- 108-10-1 METHYL ISOBUTYL KETONE 5 to 10 %
- 108-88-3 TOLUENE 30 to 40 %

NOTIFICATION STATUS FOR US TOXIC SUBSTANCES CONTROL ACT

- 8001-31-8 TRIGLYCERIDE OF FATTY ACIDS 1 to 5 %
- 108-10-1 METHYL ISOBUTYL KETONE 5 to 10 %

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SECTION 15. REGULATORY INFORMATION CONT.

9004-57-3 CELLULOSE, ETHYL ETHER 5 to 10 %
 78-93-3 2-BUTANONE 10 to 20 %
 64-17-5 ETHYL ALCOHOL DENATURED 30 to 40 %
 108-88-3 TOLUENE 30 to 40 %

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
<u>EU Risk Phrases</u>		
<u>Safety Phrase</u>		
- None		

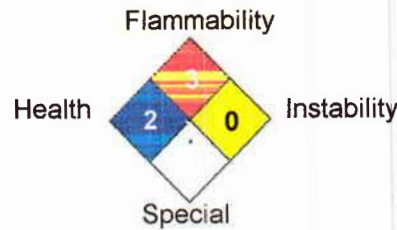
SECTION 16. OTHER INFORMATION

Hazardous Material Information System (HMIS)

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

HMIS & NFPA Hazard Rating Legend
 * = Chronic Health Hazard
 0 = INSIGNIFICANT
 1 = SLIGHT
 2 = MODERATE
 3 = HIGH

National Fire Protection Association (NFPA)



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