

# SAFETY DATA SHEET

### 1. Identification

**Product identifier** Limo (CAN) 30310C

Other means of identification

07844 106441 604 **Product Code** Recommended use Not available.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Quest Industrial Products, LLC. Company name Address N92 W14701 Anthony Avenue Menomonee Falls, WI 53051

**United States** 

(262) 255-9500 Telephone Phone

Website quest-ip.com info@quest-ip.com E-mail

**Emergency phone number** Chemtrec Phone 800-424-9300

## 2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1 Gases under pressure Liquefied gas **Health hazards** Serious eye damage/eye irritation Category 2A

Reproductive toxicity (the unborn child) Category 2

Specific target organ toxicity, single exposure Category 3 narcotic effects Specific target organ toxicity, repeated Category 2

exposure

Category 3 **Environmental hazards** Hazardous to the aquatic environment, acute

hazard

Hazardous to the aquatic environment,

long-term hazard

**OSHA** defined hazards Not classified.

Label elements



Signal word Danger

**Hazard statement** Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes

serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic

Category 3

life. Harmful to aquatic life with long lasting effects.

**Precautionary statement** 

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse

cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention.

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from Storage

sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures

exceeding 50°C/122°F.

Disposal Hazard(s) not otherwise

classified (HNOC)

Supplemental information

Dispose of contents/container in accordance with local/regional/national/international regulations.

None known.

51.24% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 51.15% of the mixture consists of component(s) of unknown long-term hazards to

# 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
ACETONE		67-64-1	30 to <40
PROPANE		74-98-6	10 to <20
ETHYL ACETATE		141-78-6	5 to <10
METHYL ETHYL KETONE		78-93-3	5 to <10
N-BUTANE		106-97-8	5 to <10
TOLUENE		108-88-3	5 to <10
AMORPHOUS PRECIPITATED SILICA		112926-00-8	1 to <5
N-BUTYL ACETATE		123-86-4	1 to <5
PROPYLENE GLYCOL METHYL ETHER ACETATE		108-65-6	1 to <5
Other components below reportable le	evels		10 to <20

<sup>\*</sup>Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

Inhalation

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.

Skin contact

No adverse effects due to skin contact are expected. Wash off with soap and water. Get medical

attention if irritation develops and persists.

Symptoms may be delayed.

attendance.

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 advice/attention. No specific first aid measures noted.

Ingestion

Not likely, due to the form of the product. In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation.

Most important symptoms/effects, acute and delayed

Indication of immediate medical attention and special treatment needed

General information

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Prolonged exposure may cause chronic effects. Provide general supportive measures and treat symptomatically. Keep victim under observation.

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in

## 5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing media

Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

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

Material name: Limo (CAN) 30310C

Fire fighting equipment/instructions

In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. 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.

Specific methods

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

General fire hazards

Extremely flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Emergency personnel need self-contained breathing equipment. 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.

Methods and materials for containment and cleaning up

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 the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: 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 precautions** 

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

# 7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Do not re-use empty containers. Do not breathe mist or vapor. Avoid contact with eyes. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Level 2 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. 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. Secure cylinders in an upright position at all times, close all valves when not in use. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)  Components Value			
- <u>-</u> -			
ACETONE (CAS 67-64-1)	PEL	2400 mg/m3	
		1000 ppm	
ETHYL ACETATE (CAS 141-78-6)	PEL	1400 mg/m3	
		400 ppm	
METHYL ETHYL KETONE (CAS 78-93-3)	PEL	590 mg/m3	
(		200 ppm	

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Components	Type	Value
N-BUTYL ACETATE (CAS 123-86-4)	PEL	710 mg/m3
DDODANIE (OAO 74 00 0)	DEL	150 ppm
PROPANE (CAS 74-98-6)	PEL	1800 mg/m3 1000 ppm
US. OSHA Table Z-2 (29 CFR 1910.1000)		1000 ββιτι
Components	Туре	Value
TOLUENE (CAS 108-88-3)	Ceiling	300 ppm
10202N2 (0/10 100 00 0)	TWA	200 ppm
US. OSHA Table Z-3 (29 CFR 1910.1000)		
Components	Туре	Value
AMORPHOUS	TWA	0.8 mg/m3
PRECIPITATED SILICA		Ğ
(CAS 112926-00-8)		20 man of
		20 mppcf
US. ACGIH Threshold Limit Values Components	Туре	Value
ACETONE (CAS 67-64-1)	STEL	750 ppm
ETHYL ACETATE (CAS	TWA TWA	500 ppm 400 ppm
141-78-6)	IVVA	400 ρρπ
METHYL ETHYL KETONE (CAS 78-93-3)	STEL	300 ppm
	TWA	200 ppm
N-BUTANE (CAS 106-97-8)	STEL	1000 ppm
N-BUTYL ACETATE (CAS 123-86-4)	STEL	200 ppm
TOLLIENE (CAC 400 00 2)	TWA TWA	150 ppm
TOLUENE (CAS 108-88-3)		20 ppm
US. NIOSH: Pocket Guide to Chemical F Components	iazards Type	Value
	TWA	590 mg/m3
ACETONE (CAS 67-64-1)	IWA	250 ppm
AMORPHOUS	TWA	6 mg/m3
PRECIPITATED SILICA (CAS 112926-00-8)		<del></del>
ETHYL ACETATE (CAS 141-78-6)	TWA	1400 mg/m3
METLINI ETINI KETONE	CTEL	400 ppm
METHYL ETHYL KETONE (CAS 78-93-3)	STEL	885 mg/m3
(33		300 ppm
	TWA	590 mg/m3
		200 ppm
N-BUTANE (CAS 106-97-8)	TWA	1900 mg/m3
NI BLITYL ACETATE (CAS	STEI	800 ppm
N-BUTYL ACETATE (CAS 123-86-4)	STEL	950 mg/m3
	T\A/A	200 ppm
	TWA	710 mg/m3
PROPANE (CAS 74-98-6)	TWA	150 ppm 1800 mg/m3
	. **/	1000 mg/m3
TOLUENE (CAS 108-88-3)	STEL	560 mg/m3
,		150 ppm
erial name: Limo (CAN) 30310C		

**US. NIOSH: Pocket Guide to Chemical Hazards** 

Components Value Type TWA 375 mg/m3 100 ppm

TWA

US. Workplace Environmental Exposure Level (WEEL) Guides

Components Value Type

PROPYLENE GLYCOL METHYL ETHER ACETATE (CAS 108-65-6)

#### **Biological limit values**

ACGIH Biological Exposu Components	re Indices Value	Determinant	Specimen	Sampling Time
ACETONE (CAS 67-64-1)	50 mg/l	Acetone	Urine	*
METHYL ETHYL KETONE	3	MEK	Urine	*
(CAS 78-93-3) TOLUENE (CAS 108-88-3)	0.3 ma/a	o-Cresol, with	Creatinine in	*
	0.0	hydrolysis	urine	
	0.03 mg/l	Toluene	Urine	*
	0 02 mg/l	Toluene	Blood	*

<sup>\* -</sup> For sampling details, please see the source document.

#### **Exposure guidelines**

US - California OELs: Skin designation

PROPYLENE GLYCOL METHYL ETHER ACETATE Can be absorbed through the skin.

(CAS 108-65-6)

**TOLUENE (CAS 108-88-3)** Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

**TOLUENE (CAS 108-88-3)** 

Skin designation applies.

Appropriate engineering

controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

50 ppm

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

**Hand protection** For prolonged or repeated skin contact use suitable protective gloves.

Wear suitable protective clothing. Other

If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an Respiratory protection

air-supplied respirator.

Wear appropriate thermal protective clothing, when necessary. Thermal hazards

General hygiene When using do not smoke. Always observe good personal hygiene measures, such as washing considerations

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** 

Physical state

Aerosol. Liquefied gas. Form

Not available Color Not available. Odor Not available. **Odor threshold** Нα Not available.

Melting point/freezing point -305.68 °F (-187.6 °C) estimated Initial boiling point and boiling -43.78 °F (-42.1 °C) estimated

range

Flash point -156.0 °F (-104.4 °C) estimated

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits
Flammability limit - lower 1.3 % estimated

(%)

Flammability limit - upper 12.8 % estimated

(%)

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure 2324.75 hPa estimated

Vapor density Not available. Relative density Not available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature 550 °F (287.78 °C) estimated

Decomposition temperatureNot available.ViscosityNot available.

Other information

Density 6.22 lbs/gal

Flammability class Flammable IA estimated
Heat of combustion (NFPA 27.28 kJ/g estimated

30B)

Percent volatile 87.72 Specific gravity 0.75

VOC 4.8634273 lbs/gal Regulatory

380.488592 g/l Material 582.767116 g/l Regulatory 3.1753312 lbs/gal Material

# 10. Stability and reactivity

Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
Possibility of hazardous

Material is stable under normal conditions.

reactions

Hazardous polymerization does not occur.

Conditions to avoid Incompatible materials Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials. Acids. Strong oxidizing agents. Nitrates. Ammonia. Amines. Isocyanates. Fluorine. Caustics.

Chlorine

Hazardous decomposition

products

No hazardous decomposition products are known.

## 11. Toxicological information

Information on likely routes of exposure

**Inhalation** May cause damage to organs through prolonged or repeated exposure by inhalation. May cause

drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.

Skin contact No adverse effects due to skin contact are expected.

**Eye contact** Causes serious eye irritation.

**Ingestion** Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics

Headache. May cause drowsiness and dizziness. Nausea, vomiting. Severe eye irritation.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects

Material name: Limo (CAN) 30310C

Acute toxicity	Narcotic effects.	
Components	Species	Test Results
ACETONE (CAS 67-64-1)		
Acute		
Dermal		
LD50	Rabbit	> 15800 mg/kg
Inhalation		
LC50	Rat	76 mg/l, 4 Hours
Oral		
LD50	Mouse	3000 mg/kg
	Rat	5800 mg/kg
AMORPHOLIS PRECIPITA	ATED SILICA (CAS 112926-00-8)	
Acute	TIED SIEICA (CAS TIE920-00-0)	
<u>Acute</u> Oral		
LD50	Mouse	> 15000 mg/kg
2200	Rat	> 22500 mg/kg
ETING A OFTATE (OA O 4 )		> 22500 Hig/kg
ETHYL ACETATE (CAS 14	+ 1-70-0)	
Acute		
Inhalation LC50	Rat	16000 ppm, 6 Hours
LD50	Mouse	1500 ppm, 4 Hours
	Rabbit	2500 ppm, 4 Hours
	Rat	4000 ppm, 4 Hours
Oral		
LD50	Mouse	0.44 g/kg
	Rabbit	4.9 g/kg
	Rat	11.3 ml/kg
		5.6 g/kg
METHYL ETHYL KETONE	(CAS 78-93-3)	3 3 3
<u>Acute</u>		
<u>Dermal</u>		
LD50	Rabbit	> 8000 mg/kg
Inhalation	. 100011	ooo mg ng
LC50	Mouse	11000 ppm, 45 Minutes
2000	Rat	11700 ppm, 4 Hours
	Nat	11700 ppm, 4 Hours
Oral	Mouse	670 mg/kg
LD50		670 mg/kg
	Rat	2300 - 3500 mg/kg
N-BUTANE (CAS 106-97-8	3)	
Acute		
Inhalation		000 # 01:
LC50	Mouse	680 mg/l, 2 Hours
	Rat	658 mg/l, 4 Hours
N-BUTYL ACETATE (CAS	123-86-4)	
<u>Acute</u>		
Inhalation		
LC50	Wistar rat	160 mg/l, 4 Hours
Oral		
LD50	Rat	14000 mg/kg
Material name: Limo (CAN) 3	03100	SDS.U

Components	Species	Test Results
PROPANE (CAS 74-98-6)		
<u>Acute</u>		
Inhalation		
LC50	Rat	> 1442.847 mg/l, 15 Minutes
TOLUENE (CAS 108-88-3)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	12124 mg/kg
		14.1 ml/kg
Inhalation		
LC50	Mouse	5320 ppm, 8 Hours
		400 ppm, 24 Hours
	Rat	26700 ppm, 1 Hours
		12200 ppm, 2 Hours
		8000 ppm, 4 Hours
Oral		
LD50	Rat	2.6 g/kg

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

Prolonged skin contact may cause temporary irritation. Skin corrosion/irritation

Serious eye damage/eye

irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization

Not a respiratory sensitizer.

Skin sensitization 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 Germ cell mutagenicity

mutagenic or genotoxic.

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

IARC Monographs. Overall Evaluation of Carcinogenicity

AMORPHOUS PRECIPITATED SILICA (CAS

3 Not classifiable as to carcinogenicity to humans.

112926-00-8)

**TOLUENE (CAS 108-88-3)** 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Reproductive toxicity Suspected of damaging the unborn child. Specific target organ toxicity -May cause drowsiness and dizziness.

single exposure

Specific target organ toxicity -

repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Not an aspiration hazard. **Aspiration hazard** 

**Chronic effects** May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may

be harmful.

# 12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Components		Species	Test Results
ACETONE (CAS 67-6	64-1)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours

Components		Species	Test Results
ETHYL ACETATE (CA	AS 141-78-6)		
Aquatic			
Fish	LC50	Indian catfish (Heteropneustes fossilis)	200.32 - 225.42 mg/l, 96 hours
METHYL ETHYL KET	ONE (CAS 78-93-3)	)	
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	4025 - 6440 mg/l, 48 hours
Fish	LC50	Sheepshead minnow (Cyprinodon variegatus)	> 400 mg/l, 96 hours
N-BUTYL ACETATE (	CAS 123-86-4)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	17 - 19 mg/l, 96 hours
TOLUENE (CAS 108-	88-3)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

## **Bioaccumulative potential**

Partition coefficient n-octanol / water (log Kow)

ACETONE	-0.24
ETHYL ACETATE	0.73
METHYL ETHYL KETONE	0.29
N-BUTANE	2.89
N-BUTYL ACETATE	1.78
PROPANE	2.36
TOLUENE	2.73

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents

under pressure. Do not puncture, incinerate or crush. 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. Local disposal regulations

The waste code should be assigned in discussion between the user, the producer and the waste Hazardous waste code

disposal company.

Waste from residues / unused

products

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).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal. Do not re-use empty containers.

# 14. Transport information

DOT

**UN** number

**UN proper shipping name** Aerosols, flammable, 2.1

Transport hazard class(es)

Class Not available. Subsidiary risk

Packing group Not applicable.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Material name: Limo (CAN) 30310C

IATA

UN number UN1950

UN proper shipping name Aerosols, flammable, 2.1

Transport hazard class(es)

Class Not available.
Subsidiary risk Packing group Not applicable.

Environmental hazards No.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo Forb

aircraft

Forbidden.

Cargo aircraft only

Forbidden.

**IMDG** 

UN number UN1950

UN proper shipping name

Aerosols, flammable, 2.1

Transport hazard class(es)

Class Not available. Subsidiary risk -

Packing group

Not applicable.

Not established.

**Environmental hazards** 

Marine pollutant No.

EmS Not available.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and

the IBC Code

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

ACETONE (CAS 67-64-1)

ETHYL ACETATE (CAS 141-78-6)

METHYL ETHYL KETONE (CAS 78-93-3)

N-BUTANE (CAS 106-97-8)

N-BUTYL ACETATE (CAS 123-86-4)

PROPANE (CAS 74-98-6)

TOLUENE (CAS 108-88-3)

Listed.

Listed.

Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes Delayed Hazard - Yes

Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No

chemical

Material name: Limo (CAN) 30310C

#### SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
TOLUENE	108-88-3	5 to <10

#### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

**TOLUENE (CAS 108-88-3)** 

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

N-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6)

# Safe Drinking Water Act

Not regulated.

(SDWA)

# Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

ACETONE (CAS 67-64-1) 6532 METHYL ETHYL KETONE (CAS 78-93-3) 6714 TOLUENE (CAS 108-88-3) 6594

# Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

ACETONE (CAS 67-64-1) 35 %WV
METHYL ETHYL KETONE (CAS 78-93-3) 35 %WV
TOLUENE (CAS 108-88-3) 35 %WV **DEA Exempt Chemical Mixtures Code Number** 

ACETONE (CAS 67-64-1) 6532 METHYL ETHYL KETONE (CAS 78-93-3) 6714 TOLUENE (CAS 108-88-3) 594

#### US state regulations

# US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

# US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

ACETONE (CAS 67-64-1)
METHYL ETHYL KETONE (CAS 78-93-3)
N-BUTANE (CAS 106-97-8)

TOLUENE (CAS 108-88-3)

## **US. Massachusetts RTK - Substance List**

ACETONE (CAS 67-64-1)

AMORPHOUS PRECIPITATED SILICA (CAS 112926-00-8)

ETHYL ACETATE (CAS 141-78-6)

METHYL ETHYL KETONE (CAS 78-93-3)

N-BUTANE (CAS 106-97-8) N-BUTYL ACETATE (CAS 123-86-4)

PROPANE (CAS 74-98-6)

TOLUENE (CAS 108-88-3)

## US. New Jersey Worker and Community Right-to-Know Act

**ACETONE (CAS 67-64-1)** 

AMORPHOUS PRECIPITATED SILICA (CAS 112926-00-8)

ETHYL ACETATE (CAS 141-78-6)

METHYL ETHYL KETONE (CAS 78-93-3)

N-BUTANE (CAS 106-97-8)

N-BUTYL ACETATE (CAS 123-86-4)

PROPANE (CAS 74-98-6)

**TOLUENE (CAS 108-88-3)** 

# US. Pennsylvania Worker and Community Right-to-Know Law

ACETONE (CAS 67-64-1) ETHYL ACETATE (CAS 141-78-6) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) N-BUTYL ACETATE (CAS 123-86-4) PROPANE (CAS 74-98-6) TOLUENE (CAS 108-88-3)

On inventory (yes/no)\*

#### **US. Rhode Island RTK**

ACETONE (CAS 67-64-1)
ETHYL ACETATE (CAS 141-78-6)
METHYL ETHYL KETONE (CAS 78-93-3)
N-BUTANE (CAS 106-97-8)
N-BUTYL ACETATE (CAS 123-86-4)
PROPANE (CAS 74-98-6)
TOLUENE (CAS 108-88-3)

## **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.

### US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

4-Methyl-2-pentanone (CAS 108-10-1)

CARBON BLACK (CAS 1333-86-4)

ETHYL ALCOHOL (CAS 64-17-5)

ETHYLBENZENE (CAS 100-41-4)

SILICA, CRYSTALINE QUARTZ (CAS 14808-60-7)

Listed: November 4, 2011

Listed: February 21, 2003

Listed: April 29, 2011

Listed: July 1, 1988

Listed: June 11, 2004

Silica, CRYSTALINE QUARTZ (CAS 14808-60-7)

Listed: October 1, 1988

## US - California Proposition 65 - CRT: Listed date/Developmental toxin

Inventory name

 1-METHYL-2-PYRROLIDONE (CAS 872-50-4)
 Listed: June 15, 2001

 4-Methyl-2-pentanone (CAS 108-10-1)
 Listed: March 28, 2014

 ETHYL ALCOHOL (CAS 64-17-5)
 Listed: October 1, 1987

 METHANOL (CAS 67-56-1)
 Listed: March 16, 2012

 TOLUENE (CAS 108-88-3)
 Listed: January 1, 1991

## US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

TOLUENE (CAS 108-88-3) Listed: August 7, 2009

#### **International Inventories**

Country(s) or region

Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

# 16. Other information, including date of preparation or last revision

**Issue date** 04-24-2015

Version # 01

HMIS® ratings Health: 2\* Flammability: 4

Physical hazard: 0

NFPA ratings Health: 2

Flammability: 4 Instability: 0

Material name: Limo (CAN) 30310C

Yes

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## Disclaimer

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