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# 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Code: WCS70LF-26160KML

Product Name: Low Friction Corrosion Resistance Black

Hentzen Coatings, Inc. 6937 West Mill Road, Milwaukee, WI 53218-1225 Recommended use of the chemical and restrictions on use

Company Phone Number: 1-414-353-4200 Emergency telephone number ChemTrec 1-800-424-9300 Industrial paint (Paint or Paint-Related), Restricted to professional users

# 2. HAZARDS IDENTIFICATION

### **Classification**

## **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 2
Reproductive Toxicity	Category 1B
Specific target organ toxicity (single exposure)	Category 3
Flammable Liquids	Category 2

## Label Elements

	Emergency Overview	
DANGER		
Hazard Statements		
Causes skin irritation		
Causes serious eye irritation		
Suspected of causing cancer	L.	
May damage fertility or the unborn chil May cause respiratory irritation	d	
Highly flammable liquid and vapor		
Appearance Opaque	Physical state Liquid	Odor Solvent
Precautionary Statements - Prevent	ion	
Obtain special instructions before use		
Do not handle until all safety precautio		
Use personal protective equipment as Wash face, hands and any exposed sk		
rash aco, nanas and any exposed sr		

Wear eye/face protection

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Keep away from heat/sparks/open flames/hot surfaces. - No smoking Keep container tightly closed Ground/Bond container and receiving equipment Use explosion-proof electrical/ ventilating/ lighting/ equipment Use only non-sparking tools Take precautionary measures against static discharge Keep cool

### **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention IF IN EYES: 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 If skin irritation occurs: Get medical advice/attention IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing In case of fire: Use CO2, dry chemical, or foam for extinction

### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed Store in accordance with local regulations

### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

### Hazards not otherwise classified (HNOC)

Other information

- May be harmful if swallowed
- · May be harmful in contact with skin
- Harmful to aquatic life with long lasting effects

Toxic to aquatic life

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Contains a known or suspected carcinogen

This product contains substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990. See Section 15 for list of HAPS.

Chemical Name	CAS No	Weight-%	ACGIH	OSHA
N-METHYL-2-PYRROLIDONE	872-50-4	40% - 50%	N/A	N/A
CYCLOHEXANONE	108-94-1	5% - 10%	STEL: 50 ppm TWA: 20 ppm S*	TWA: 50 ppm TWA: 200 mg/m <sup>3</sup>
METHYL ISOBUTYL KETONE	108-10-1	5% - 10%	STEL: 75 ppm TWA: 20 ppm	TWA: 100 ppm TWA: 410 mg/m <sup>3</sup>
METHYL ETHYL KETONE	78-93-3	1% - 5%	STEL: 300 ppm TWA: 200 ppm	TWA: 200 ppm TWA: 590 mg/m <sup>3</sup>
POLYTETRAFLUOROETHYLENE (PTFE, TEFLON)	9002-84-0	1% - 5%	N/A	N/A
METHYL AMYL KETONE	110-43-0	1% - 5%	TWA: 50 ppm	TWA: 100 ppm TWA: 465 mg/m <sup>3</sup>
ZINC PHOSPHATE	7779-90-0	1% - 5%	N/A	N/A
XYLENE(PURE)	1330-20-7	1% - 5%	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup>
CARBON BLACK	1333-86-4	1% - 5%	TWA: 3 mg/m <sup>3</sup> inhalable particulate matter	TWA: 3.5 mg/m <sup>3</sup>
ETHYLBENZENE	100-41-4	0% - 1%	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup>

# 4. FIRST AID MEASURES

### First Aid Measures

General advice	If symptoms persist, call a physician.	
Eye Contact	Immediately flush eyes with water for at least 15 minutes. Get medical attention. If easy to do, remove contact lenses. Keep eye wide open while rinsing. Call a physician immediately. If symptoms persist, call a physician.	
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Remove and wash contaminated clothing and gloves, including the inside, before re-use. If skin irritation persists, call a physician. Immediate medical attention is not required.	
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Artificial respiration and/or oxygen may be necessary. Consult a physician if necessary. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.	
Ingestion	Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Drink plenty of water. Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.	
Self-protection of the first aider	Use personal protective equipment as required. Avoid contact with eyes, skin and clothing.	
Most important symptoms and effects, both acute and delayed		
Most Important Symptoms and Effects	No information available.	
Indication of any immediate medica	al attention and special treatment needed	
Notes to physician	Treat symptomatically.	

# **5. FIRE-FIGHTING MEASURES**

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media No information available.

### Specific hazards arising from the chemical

Extremely flammable.

### Explosion Data

Sensitivity to Mechanical Impact no data available. Sensitivity to Static Discharge Yes.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

# 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required. Keep people away from and upwind of spill/leak. Remove all sources of ignition. Evacuate personnel to safe areas. Avoid breathing vapors or mists. Ventilate the area.

# Environmental Precautions

Environmental Precautions	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Vapors are heavier than air, spread along floors and form explosive mixtures with air.
Methods and materials for containr	nent and cleaning up
Methods for Containment	Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.
Methods for Cleaning Up	Cover liquid spill with sand, earth or other noncombustible absorbent material. Sweep up and shovel into suitable containers for disposal. Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labeled containers.

### 7. HANDLING AND STORAGE

### Precautions for safe handling

Advice on safe handling Wear protective gloves/protective clothing/eye protection/face protection. Avoid contact with eyes, skin and clothing. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Do not breathe vapor or mist. Do not eat, drink or smoke when using this product. Use with local exhaust ventilation. To dissipate static electricity during transfer, ground drum and connect to receiving container with bonding strap. Use only non-sparking tools.

### Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep away from heat, sparks and flame. Keep in properly labeled containers.
Incompatible Products	None known based on information supplied.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### **Exposure Guidelines**

Chemical Name	ACGIH	OSHA	NIOSH IDLH
CYCLOHEXANONE	STEL: 50 ppm	TWA: 50 ppm	IDLH: 700 ppm
108-94-1	TWA: 20 ppm	TWA: 200 mg/m <sup>3</sup>	TWA: 25 ppm
	S*		TWA: 100 mg/m <sup>3</sup>
METHYL ISOBUTYL KETONE	STEL: 75 ppm	TWA: 100 ppm	IDLH: 500 ppm
108-10-1	TWA: 20 ppm	TWA: 410 mg/m <sup>3</sup>	TWA: 50 ppm
			TWA: 205 mg/m <sup>3</sup>
			STEL: 75 ppm
			STEL: 300 mg/m <sup>3</sup>
METHYL ETHYL KETONE	STEL: 300 ppm	TWA: 200 ppm	IDLH: 3000 ppm
78-93-3	TWA: 200 ppm	TWA: 590 mg/m <sup>3</sup>	TWA: 200 ppm
		-	TWA: 590 mg/m <sup>3</sup>
			STEL: 300 ppm
			STEL: 885 mg/m <sup>3</sup>
METHYL AMYL KETONE	TWA: 50 ppm	TWA: 100 ppm	IDLH: 800 ppm
110-43-0		TWA: 465 mg/m <sup>3</sup>	TWA: 100 ppm
		-	TWA: 465 mg/m <sup>3</sup>
XYLENE(PURE)	STEL: 150 ppm	TWA: 100 ppm	
1330-20-7	TWA: 100 ppm	TWA: 435 mg/m <sup>3</sup>	
CARBON BLACK	TWA: 3 mg/m <sup>3</sup> inhalable particulate	TWA: 3.5 mg/m <sup>3</sup>	IDLH: 1750 mg/m <sup>3</sup>
1333-86-4	matter	5	TWA: 3.5 mg/m <sup>3</sup>
			TWA: 0.1 mg/m <sup>3</sup> Carbon black in
			presence of Polycyclic aromatic

			hydrocarbons PAH
ETHYLBENZENE 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m³	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> STEL: 125 ppm STEL: 545 mg/m <sup>3</sup>
NIOSH IDLH: Immediately Danger	ous to Life or Health	·	· · · · · · · · · · · · · · · · · · ·
Exposure controls			
Engineering Measures	Showers Eyewash stations Ventilation systems.		
Individual protection measures, s	such as personal protective	equipment	
Eye/Face Protection	Use personal protective equipment as required.		
Skin and Body Protection	Chemical resistant apron.		
Respiratory Protection	respiratory protection sho required for high airborne	eeded or irritation is experienced, ould be worn. Positive-pressure su e contaminant concentrations. Res vith current local regulations.	pplied air respirators may be
Hygiene Measures	Do not eat, drink or smok area and clothing is reco	e when using this product. Regula mmended.	ar cleaning of equipment, work

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	Appearance	Opaque
Odor	Solvent.	Odor Threshold	No data available
рН	No data available	Flash Point	0 °F / -18 °C
Decomposition temperature	No data available	Boiling Point	171 °F / 77 °C
Melting Point / Melting Range	No data available	Freezing Point	No data available
Vapor Pressure @20°C (kPa)	No data available	Partition coefficient:	No data available
Vapor Density	No data available	Density	No data available
Bulk density	No data available	Specific Gravity	1.07
Evaporation Rate	No data available	Water solubility	No data available
Dynamic viscosity	No data available	Weight per Gallon (lbs/gal):	8.94
. ,		EPA VOC (lb/gal)	6.22
Flammability Limits in Air			
Upper	0.2 %		
Lower	0.03 %		

# 10. STABILITY AND REACTIVITY

# Reactivity

No data available

<u>Chemical stability</u> Stable under recommended storage conditions. <u>Conditions to Avoid</u> Extremes of temperature and direct sunlight. <u>Incompatible Materials</u> None known based on information supplied. <u>Hazardous Decomposition Products</u> None known based on information supplied.

# **11. TOXICOLOGICAL INFORMATION**

## Information on likely routes of exposure

Product Information	The product has not been tested	
Inhalation	There is no data for this product.	
Eye Contact	There is no data for this product.	
Skin Contact	There is no data for this product.	
Ingestion	There is no data for this product.	

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
N-METHYL-2-PYRROLIDONE 872-50-4	= 3914 mg/kg (Rat)	= 8 g/kg (Rabbit)	> 5.1 mg/L (Rat)4 h
CYCLOHEXANONE 108-94-1	= 1544 mg/kg (Rat)	= 947 mg/kg (Rabbit)	= 8000 ppm (Rat)4 h
METHYL ISOBUTYL KETONE 108-10-1	= 2080 mg/kg (Rat)	= 3000 mg/kg (Rabbit)	2000 - 4000 ppm (Rat)4 h
METHYL ETHYL KETONE 78-93-3	= 2483 mg/kg (Rat)	= 5000 mg/kg (Rabbit)	= 11700 ppm (Rat)4 h
METHYL AMYL KETONE 110-43-0	= 1600 mg/kg(Rat)	= 12.6 mL/kg (Rabbit)	2000 - 4000 ppm (Rat)6 h
XYLENE(PURE) 1330-20-7	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat)4 h
CARBON BLACK 1333-86-4	> 15400 mg/kg (Rat)	N/A	> 4.6 mg/m³ (Rat)4 h
ETHYLBENZENE 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg(Rabbit)	= 17.4 mg/L (Rat)4 h

#### Information on toxicological effects

Symptoms

No information available.

# Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization
MUTAGENIC EFFECTS
Carcinogenicity

No information available. No information available. This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B).

Chemical Name	ACGIH	IARC	NTP	OSHA
CYCLOHEXANONE	A3	Group 3	N/A	N/A
108-94-1				
METHYL ISOBUTYL	A3	Group 2B	N/A	Х
KETONE				
108-10-1				
POLYTETRAFLUOROETHY	N/A	Group 3	N/A	N/A
LENE (PTFE, TEFLON)				
9002-84-0				
XYLENE(PURE)	N/A	Group 3	N/A	N/A
1330-20-7				
CARBON BLACK	A3	Group 2B	N/A	Х
1333-86-4				
ETHYLBENZENE	A3	Group 2B	N/A	Х
100-41-4				

Legend:

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive Toxicity	No information available.	
Specific target organ systemic	No information available.	
toxicity (single exposure)		
Specific target organ systemic	No information available.	
toxicity (repeated exposure)		
Chronic Toxicity	Avoid repeated exposure. May cause adverse liver effects.	
Target Organ Effects	Central nervous system (CNS), Eyes, Kidney, Liver, Lymphatic System, Peripheral Nervous	
	System (PNS), Respiratory system, Skin.	
Aspiration hazard	No information available.	
Numerical measures of toxicity - Product Information		

The following values are calculated	based on chapter 3.1 of the GHS document
ATEmix (oral)	2513 mg/kg
ATEmix (dermal)	3745 mg/kg
ATEmix (inhalation-dust/mist)	5.4 mg/l
Oral LD50	3233 mg/kg (rat) Estimated
Dermal LD50	4785 mg/kg (rat) Estimated

# **12. ECOLOGICAL INFORMATION**

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# **Ecotoxicity**

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to daphnia and other aquatic invertebrates
N-METHYL-2-PYRROLIDONE 872-50-4	500: 72 h Desmodesmus subspicatus mg/L EC50	1072: 96 h Pimephales promelas mg/L LC50 static 1400: 96 h Poecilia reticulata mg/L LC50 static 832: 96 h Lepomis macrochirus mg/L LC50 static	4897: 48 h Daphnia magna mg/L EC50
CYCLOHEXANONE 108-94-1	N/A	481 - 578: 96 h Pimephales promelas mg/L LC50 flow-through 8.9: 96 h Pimephales promelas mg/L LC50	N/A
METHYL ISOBUTYL KETONE 108-10-1	400: 96 h Pseudokirchneriella subcapitata mg/L EC50	496 - 514: 96 h Pimephales promelas mg/L LC50 flow-through	170: 48 h Daphnia magna mg/L EC50
METHYL ETHYL KETONE 78-93-3	N/A	3130 - 3320: 96 h Pimephales promelas mg/L LC50 flow-through	4025 - 6440: 48 h Daphnia magna mg/L EC50 Static 5091: 48 h Daphnia magna mg/L EC50 520: 48 h Daphnia magna mg/L EC50
METHYL AMYL KETONE 110-43-0	N/A	126 - 137: 96 h Pimephales promelas mg/L LC50 flow-through	N/A
XYLENE(PURE) 1330-20-7	N/A	<ul> <li>13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through 13.5 - 17.3: 96 h Oncorhynchus mykiss mg/L LC50</li> <li>2.661 - 4.093: 96 h Oncorhynchus mykiss mg/L LC50 static 23.53 - 29.97: 96 h Pimephales promelas mg/L LC50 static 30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50 static 7.711 - 9.591: 96 h Lepomis macrochirus mg/L LC50 static 13.4: 96 h Pimephales promelas mg/L LC50 flow-through 19: 96 h Lepomis macrochirus mg/L LC50 780: 96 h Cyprinus carpio mg/L LC50 semi-static 780: 96 h Cyprinus carpio mg/L LC50</li> </ul>	
ETHYLBENZENE 100-41-4	1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 4.6: 72 h Pseudokirchneriella	11.0 - 18.0: 96 h Oncorhynchus mykiss mg/L LC50 static 7.55 - 11: 96 h Pimephales promelas mg/L LC50 flow-through 9.1 - 15.6: 96 h Pimephales promelas mg/L LC50	1.8 - 2.4: 48 h Daphnia magna mg/L EC50

mg/L EC50 Oncorhynchus mykiss mg/L LC50 semi-static 9.6: 96 h Poecilia reticulata mg/L LC50 static		Pseudokirchneriella subcapitata	semi-static 9.6: 96 h Poecilia	
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# Persistence and degradability

No information available.

### **Bioaccumulation**

No information available.

Chemical Name	Partition coefficient
N-METHYL-2-PYRROLIDONE	-0.46
872-50-4	
CYCLOHEXANONE	0.86
108-94-1	
METHYL ISOBUTYL KETONE	1.19
108-10-1	
METHYL ETHYL KETONE	0.3
78-93-3	
METHYL AMYL KETONE	1.98
110-43-0	
XYLENE(PURE)	3.15
1330-20-7	
ETHYLBENZENE	3.2
100-41-4	

Other adverse effects

No information available

D001

# 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

Waste treatment methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

US EPA Waste Number

Chemical Name	RCRA - Basis for Listing	RCRA - D Series Wastes
CYCLOHEXANONE	Included in waste stream: F039	N/A
108-94-1		
METHYL ISOBUTYL KETONE	Included in waste stream: F039	N/A
108-10-1		
METHYL ETHYL KETONE	Included in waste streams: F005, F039	200.0 mg/L regulatory level
78-93-3		
XYLENE(PURE)	Included in waste stream: F039	N/A
1330-20-7		
ETHYLBENZENE	Included in waste stream: F039	N/A
100-41-4		

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
METHYL ETHYL KETONE	Toxic mixture of acetone, methyl acetate, and methyl alcohol
78-93-3	Ignitable mixture of acetone, methyl acetate, and methyl alcohol
XYLENE(PURE)	Toxic
1330-20-7	Ignitable
ETHYLBENZENE	Toxic
100-41-4	Ignitable

# **14. TRANSPORT INFORMATION**

DOT UN-No Proper shipping name Hazard class Packing Group Special Provisions Description Emergency Response Guide Number	UN1263 Paint 3 II 149, B52, IB2, T4, TP1, TP8, TP28 UN1263, Paint, 3, II, RQ 128
TDG UN-No Proper shipping name Hazard class Packing Group Description	UN1263 Paint 3 II UN1263, Paint, 3, II
<u>MEX</u> UN-No Proper shipping name Hazard class Packing Group Description	UN1263 Paint 3 II UN1263, Paint, 3, II
ICAO UN-No Proper shipping name Hazard class Packing Group Special Provisions Description	UN1263 Paint 3 II A3, A72 UN1263, Paint, 3, II
IATA UN-No Hazard class Packing Group ERG Code Special Provisions	UN1263 3 II 3L A3, A72, A192
IMDG/IMO UN-No Hazard class Packing Group EmS-No Special Provisions	UN1263 3 II F-E, S-E 163, 367
RID UN-No Proper shipping name Hazard class Packing Group Classification Code Description	UN1263 Paint 3 II F1 UN1263, Paint, 3, II
ADR/RID UN-No Proper shipping name Hazard class Packing Group Classification Code Tunnel restriction code	UN1263 Paint 3 II F1 (D/E)

Special Provisions Description ADR/RID-Labels	163, 640C, 650, 367 UN1263, Paint, 3, II, (D/E) 3
ADN	
Proper shipping name	Paint
Hazard class	3
Packing Group	11
Classification Code	F1
Special Provisions	163, 640C, 650
Description	UN1263, Paint, 3, II
Hazard Labels	3
Limited Quantity (LQ)	5 L

**VE01** 

# **15. REGULATORY INFORMATION**

International Inventories	
TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

# US Federal Regulations

Ventilation

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	SARA 313 - Threshold Values %
N-METHYL-2-PYRROLIDONE	872-50-4	1.0
METHYL ISOBUTYL KETONE	108-10-1	0.1
XYLENE(PURE)	1330-20-7	1.0
ETHYLBENZENE	100-41-4	0.1

### SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

### CAA (Clean Air Act)

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants This product contains the following HAPs:

Chemical Name	CAS No	Hazardous air pollutants (HAPs) content
METHYL ISOBUTYL KETONE	108-10-1	Present
XYLENE(PURE)	1330-20-7	Present

ETHYLBENZENE	100-41-4	Present

## Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
XYLENE(PURE)	100 lb	N/A	N/A	Х
ETHYLBENZENE	1000 lb	Х	Х	Х

### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ (reportable quantity)
CYCLOHEXANONE	5000 lb	N/A	RQ 5000 lb final RQ
			RQ 2270 kg final RQ
METHYL ISOBUTYL KETONE	5000 lb	N/A	RQ 5000 lb final RQ
			RQ 2270 kg final RQ
METHYL ETHYL KETONE	5000 lb	N/A	RQ 5000 lb final RQ
			RQ 2270 kg final RQ
XYLENE(PURE)	100 lb	N/A	RQ 100 lb final RQ
			RQ 45.4 kg final RQ
ETHYLBENZENE	1000 lb	N/A	RQ 1000 lb final RQ
			RQ 454 kg final RQ

# State Regulations

### California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical Name	CAS No	California Proposition 65
N-METHYL-2-PYRROLIDONE	872-50-4	Developmental
METHYL ISOBUTYL KETONE	108-10-1	Carcinogen
		Developmental
CARBON BLACK	1333-86-4	Carcinogen
ETHYLBENZENE	100-41-4	Carcinogen

# U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
N-METHYL-2-PYRROLIDO	Х	Х	Х	N/A	N/A
NE					
CYCLOHEXANONE	Х	Х	Х	Х	N/A
METHYL ISOBUTYL	Х	Х	Х	Х	N/A
KETONE					
METHYL ETHYL KETONE	Х	Х	Х	Х	N/A
METHYL AMYL KETONE	Х	Х	Х	N/A	N/A
ZINC PHOSPHATE	N/A	Х	Х	N/A	N/A
XYLENE(PURE)	Х	Х	Х	Х	N/A
CARBON BLACK	Х	Х	Х	Х	N/A
ETHYLBENZENE	Х	Х	X	Х	N/A
BUTYL ACETATE	X	Х	Х	N/A	N/A

### International Regulations

Mexico - Grade

## Serious risk, Grade 3

Chemical Name	Carcinogenic Status	Exposure Limits
CYCLOHEXANONE	A3	Mexico: TWA 20 ppm
		Mexico: STEL 50 ppm
METHYL ISOBUTYL KETONE	A3	Mexico: TWA 20 ppm

		Mexico: STEL 75 ppm
METHYL ETHYL KETONE	N/A	Mexico: TWA 200 ppm
		Mexico: STEL 300 ppm
METHYL AMYL KETONE	N/A	Mexico: TWA 50 ppm
XYLENE(PURE)	N/A	Mexico: TWA 100 ppm
		Mexico: STEL 150 ppm
CARBON BLACK	A3	Mexico: TWA 3 mg/m <sup>3</sup>
ETHYLBENZENE	A3	Mexico: TWA 20 ppm

16. OTHER INFORMATION					
<u>NFPA</u>	Health Hazard 2	Flammability 3	Instability	<b>y</b> 0	Physical and Chemical Hazards -
NFPA Rating					
HMISF	Health Hazard 2 * Flar	nmability 3 Phys	sical Hazard 1	Personal prot	ection X
Chronic Hazard Star Leg	gend * Chronic I	Health Hazard			
Issuing Date: Revision Date: Revision Note No information availabl	29-Nov-2 29-Nov-2 e				

**Disclaimer** 

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