

# SAFETY DATA SHEET.

Issuing date 11-Nov-2015 Revision Date 07-May-2021 Version 1.08

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

Product identifier

Product name T.E.F. DRY PTFE LUBRICANT

Recommended use of the chemical

and restrictions on use

Product code 80-723

<u>Product Type</u> Extremely Flammable Aerosol

Synonyms None

Supplier's details

**Recommended Use** Dry Lubricant with PTFE.

Uses advised against No information available

Manufactured For: Kimball Midwest 4800 Roberts Rd. Columbus, OH 43228 800-233-1294

Emergency telephone number

Chemical Emergency Phone CHEMTREC: 1-800-424-9300

Number

Company Emergency Phone 1-800-233-1294

Number

# 2. HAZARDS IDENTIFICATION

# Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Reproductive Toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable Aerosols	Category 1
Gases under pressure	Compressed Gas

# GHS Label elements, including precautionary statements

#### **Emergency Overview**

#### DANGER

#### **Hazard Statements**

Causes skin irritation.

Causes serious eye irritation.

Suspected of damaging fertility or the unborn child

May cause respiratory irritation. May cause drowsiness or dizziness.

May cause damage to organs (Eyes, Skin, Respiratory System, Central Nervous System, and Peripheral Nervous System)

through prolonged or repeated exposure.

May be fatal if swallowed and enters airways.

Extremely Flammable Aerosol

Contains gas under pressure; may explode if heated



Appearance Cloudy Physical state Aerosol Odor Solvent

# **Precautionary Statements - Prevention**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves, protective clothing, eye protection, face protection.

Wash face, hands and any exposed skin thoroughly after handling.

Do not breathe dust, fumes, gas, mist, vapors, spray.

Use only outdoors or in a well-ventilated area.

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.

#### **Precautionary Statements - Response**

If exposed or concerned: Call a poison center, doctor.

Specific treatment (see first aid on this label).

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 ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice, attention.

Take off contaminated clothing and wash it before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor, physician if you feel unwell.

IF SWALLOWED: Immediately call a POISON CENTER, doctor, physician.

Do NOT induce vomiting.

# **Precautionary Statements - Storage**

Store locked up.

Store in a well-ventilated place. Keep container tightly closed.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

## **Precautionary Statements - Disposal**

Dispose of contents, container to an approved waste disposal plant.

# Hazards not otherwise classified (HNOC)

None

#### Other information

0% of the mixture consists of ingredient(s) of unknown toxicity.

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %*
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	50-60
HEXANE	110-54-3	20-30
ACETONE	67-64-1	20-30
XYLENE	1330-20-7	1-10
POLYTETRAFLUOROETHYLENE	9002-84-0	1-10
PETROLEUM DISTILLATES	64742-89-8	<1
TOLUENE	108-88-3	<0.1
ETHYL BENZENE	100-41-4	<0.1

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret.

# 4. FIRST AID MEASURES

#### First aid measures for different exposure routes

**General advice** Avoid contact with eyes, skin, and clothing. Avoid breathing vapors, mist, or gas.

Eye contact Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove

any contact lenses and continue flushing. If symptoms persist, call a physician.

**Skin contact** Wash off with soap and plenty of water. Remove and wash contaminated clothing before

re-use. If skin irritation persists, call a physician.

Inhalation Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped,

contact emergency medical services immediately.

Ingestion Call a physician or Poison Control Center immediately. Do NOT induce vomiting. Never

give anything by mouth to an unconscious person. Risk of product entering the lungs on

vomiting after ingestion.

**Protection of First-aiders** Remove all sources of ignition.

## Most important symptoms/effects, acute and delayed

Main Symptoms Causes skin and serious eye irritation. Suspected of damaging fertility or the unborn child.

May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters

airways.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

# 5. FIRE-FIGHTING MEASURES

#### **Suitable Extinguishing Media**

Water fog.Dry chemical. Foam.Carbon dioxide (CO2). Cool containers/tanks with water spray.

Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire. Keep away from sources

of ignition - No smoking.

# Specific hazards arising from the chemical

Extremely Flammable / Flammable. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.

**Hazardous Combustion** 

**Products** 

Acrid smoke/fumes. Carbon oxides, Hydrocarbons, Fumes. Sulfur oxides.

**Explosion Data** 

Sensitivity to Mechanical Impact none.
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. Use shielding to protect fire-fighters from bursting containers. In the event of fire and/or explosion do not breathe fumes.

# 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

handling advice and personal protective equipment recommendations.

Environmental precautions

Environmental precautions Vapors can accumulate in low areas. Report spills as required by local and federal

regulations. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

Methods and materials for containment and cleaning up

**Methods for Containment**Absorb with earth, sand or other non-combustible material and transfer to containers for

later disposal. Prevent further leakage or spillage if safe to do so. Do not allow material to

contaminate ground water system. Prevent product from entering drains.

Methods for cleaning up Soak up with inert absorbent material. Contain liquid and collect with an inter,

non-combustible material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly . After cleaning, flush away traces with water. Prevent product from entering drains. Take precautionary measures against static discharges.

# 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Keep away

from open flames, hot surfaces and sources of ignition. Contents under pressure. Do not puncture or incinerate cans. Handle in accordance with good industrial hygiene and safety practice. Take precautionary measures against static discharges.

# Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions

Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces, and sources of ignition. Keep in properly labeled containers. Keep out

of the reach of children. Store locked up.

**Incompatible products** Strong acids, alkalis, oxidizing agents.

Aerosol Level 3

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Control parameters

**Exposure Guidelines** 

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
PROPANE/ISOBUTANE/N-BUTANE	74-98-6: TWA: 1000 ppm	74-98-6:TWA: 1000 ppm	74-98-6:IDLH: 2100 ppm
68476-86-8	106-97-8: STEL: 1000 ppm	TWA: 1800 mg/m <sup>3</sup>	TWA: 1000 ppm
	75-28-5: STEL: 1000 ppm	(vacated) TWA: 1000 ppm	TWA: 1800 mg/m <sup>3</sup>
		(vacated) TWA: 1800 mg/m <sup>3</sup>	106-97-8:TWA: 800 ppm
		106-97-8: (vacated) TWA: 800	TWA: 1900 mg/m <sup>3</sup>
		ppm	75-28-5:TWA: 800 ppm
		(vacated) TWA: 1900 mg/m <sup>3</sup>	TWA: 1900 mg/m <sup>3</sup>
HEXANE	TWA: 50 ppm	TWA: 500 ppm	IDLH: 1100 ppm
110-54-3	Skin - potential significant	TWA: 1800 mg/m <sup>3</sup>	TWA: 50 ppm
	contribution to overall exposure	(vacated) TWA: 50 ppm	TWA: 180 mg/m <sup>3</sup>
	by the cutaneous route	(vacated) TWA: 180 mg/m <sup>3</sup>	•
ACETONE	STEL: 500 ppm	TWA: 1000 ppm	IDLH: 2500 ppm
67-64-1	TWA: 250 ppm	TWA: 2400 mg/m <sup>3</sup>	TWA: 250 ppm
		(vacated) TWA: 750 ppm	TWA: 590 mg/m <sup>3</sup>
		(vacated) TWA: 1800 mg/m <sup>3</sup>	
		(vacated) STEL: 2400 mg/m <sup>3</sup>	
		The acetone STEL does not	
		apply to the cellulose acetate	
		fiber industry. It is in effect for all	
		other sectors.	
		(vacated) STEL: 1000 ppm	
XYLENE	STEL: 150 ppm	TWA: 100 ppm	Not Established
1330-20-7	TWA: 100 ppm	TWA: 435 mg/m <sup>3</sup>	
		(vacated) TWA: 100 ppm	
		(vacated) TWA: 435 mg/m <sup>3</sup>	
		(vacated) STEL: 150 ppm	
		(vacated) STEL: 655 mg/m <sup>3</sup>	
TOLUENE	TWA: 20 ppm	TWA: 200 ppm	IDLH: 500 ppm
108-88-3		(vacated) TWA: 100 ppm	TWA: 100 ppm
		(vacated) TWA: 375 mg/m <sup>3</sup>	TWA: 375 mg/m <sup>3</sup>
		(vacated) STEL: 150 ppm	STEL: 150 ppm
		(vacated) STEL: 560 mg/m <sup>3</sup>	STEL: 560 mg/m <sup>3</sup>
		Ceiling: 300 ppm	.=
ETHYL BENZENE	TWA: 20 ppm	TWA: 100 ppm	IDLH: 800 ppm
100-41-4		TWA: 435 mg/m <sup>3</sup>	TWA: 100 ppm
		(vacated) TWA: 100 ppm	TWA: 435 mg/m <sup>3</sup>
		(vacated) TWA: 435 mg/m <sup>3</sup>	STEL: 125 ppm
		(vacated) STEL: 125 ppm	STEL: 545 mg/m <sup>3</sup>
DENZENE	CTEL : 0.5 mm	(vacated) STEL: 545 mg/m <sup>3</sup>	IDI II. 500 mmm
BENZENE	STEL: 2.5 ppm	TWA: 10 ppm applies to industry	IDLH: 500 ppm
71-43-2	TWA: 0.5 ppm	segments exempt from the	TWA: 0.1 ppm
	Skin - potential significant	benzene standard at 29 CFR	STEL: 1 ppm
	contribution to overall exposure	1910.1028	
	by the cutaneous route	TWA: 1 ppm (vacated) TWA: 10 ppm unless	
		specified in 1910.1028	
		specilied in 1910.1028	

(vacated) STEL: 50 ppm 10 min unless specified in 1910.1028 (vacated) Ceiling: 25 ppm unless specified in 1910.1028 Ceiling: 25 ppm STEL: 5 ppm see 29 CFR 1910.1028

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration) NIOSH IDLH: Immediately Dangerous to Life or Health

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962

(11th Cir., 1992).

**Exposure controls** 

**Engineering Measures** Showers, eyewash stations, and ventilation systems. Ventilation systems. Use adequate

ventilation to keep the exposure levels below the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Safety glasses with side-shields. Tightly fitting safety goggles. **Eye/Face Protection** 

Skin and body protection Chemical resistant apron. Protective gloves.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

Not applicable

provided in accordance with current local regulations.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Physical and chemical properties

Aerosol Physical state Appearance Cloudy

Odor Solvent

**Odor Threshold** Color White

Remarks • Methods Property Values No information available

No information available

Melting/freezing point

Boiling point/boiling range

Flash Point -97 °C / -142 °F Based on propellant

**Evaporation rate** No information available No information available Flammability (solid, gas)

Flammability Limits in Air upper flammability limit

lower flammability limit

Vapor pressure Vapor density

**Specific Gravity** 0.655 Water solubility Negligible

Partition coefficient: n-octanol/water

**Autoignition temperature** 

No information available

**Decomposition temperature** 

**Viscosity** No information available

**Explosive properties** 

Other information

VOC Content(%) 77.55

# 10. STABILITY AND REACTIVITY

## Reactivity

No data available

#### **Chemical stability**

Stable under recommended storage conditions.

## Possibility of hazardous reactions

None under normal processing.

# **Conditions to Avoid**

Extremes of temperature and direct sunlight.

#### **Incompatible Materials**

Strong acids, alkalis, oxidizing agents.

## **Hazardous Decomposition Products**

Carbon oxides, Hydrocarbons, Fumes.

# 11. TOXICOLOGICAL INFORMATION

# Information on likely routes of exposure

#### **Product Information**

**Inhalation** May cause respiratory irritation, May cause drowsiness or dizziness.

**Eye contact** Causes serious eye irritation.

**Skin contact** Causes skin irritation.

**Ingestion** May be fatal if swallowed and enters airways.

**Component Information** 

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
HEXANE	= 25 g/kg (Rat)	= 3000 mg/kg ( Rabbit )	= 48000 ppm (Rat) 4 h
110-54-3			
ACETONE	= 5800 mg/kg (Rat)	> 15700 mg/kg (Rabbit)	= 50100 mg/m <sup>3</sup> (Rat) 8 h
67-64-1			
XYLENE	= 3500 mg/kg (Rat)	> 4350 mg/kg ( Rabbit )	= 29.08 mg/L (Rat) 4 h
1330-20-7			
PETROLEUM DISTILLATES	-	= 3000 mg/kg ( Rabbit )	-
64742-89-8			
TOLUENE	= 2600 mg/kg (Rat)	= 12000 mg/kg ( Rabbit )	= 12.5 mg/L (Rat) 4 h
108-88-3			
ETHYL BENZENE	= 3500 mg/kg (Rat)	= 15400 mg/kg ( Rabbit )	= 17.4 mg/L (Rat) 4 h
100-41-4			

## Information on toxicological effects

**Symptoms** Causes skin and serious eye irritation. Suspected of damaging fertility or the unborn child.

May cause drowsiness or dizziness. May cause respiratory irritation. May cause damage to organs (listed below) through prolonged or repeated exposure. May be fatal if swallowed and ortors airways.

and enters airways.

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

Skin corrosion/irritationIrritating to skin.Eye damage/irritationIrritating to eyes.SensitizationNot a known sensitizer.

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Germ cell mutagenicity Not a germ cell mutagen.

Carcinogenicity The table below indicates whether each agency has evaluated a listed ingredient as a

carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
XYLENE	-	Group 3	-	-
1330-20-7				
POLYTETRAFLUOROETHY	-	Group 3	-	-
LENE				
9002-84-0				
TOLUENE	-	Group 3	-	-
108-88-3				
ETHYL BENZENE	A3	Group 2B	-	X
100-41-4		-		

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

Group 2A - Probably Carcinogenic to Humans

NTP: (National Toxicity Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA: (Occupational Safety & Health Administration)

X - Present

Reproductive toxicity
Specific target organ systemic
toxicity (single exposure)

toxicity (single exposure) Specific target organ systemic

toxicity (repeated exposure)
Chronic toxicity

Product is or contains a chemical which is a known or suspected reproductive hazard.

May cause respiratory irritation. May cause drowsiness or dizziness.

May cause damage to Target Organs listed below through prolonged or repeated

exposure.

May cause adverse liver effects. Intentional misuse by deliberately concentrating and

inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated

with irregular heart rhythms and potential cardiac arrest.

Target Organ Effects Neurological effects Central Nervous System, Eyes, Respiratory System, Skin, and Peripheral Nervous System. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or

fatal.

**Aspiration hazard** May be fatal if swallowed and enters airways.

## Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 24161 mg/kg
ATEmix (dermal) 14904 mg/kg
ATEmix (inhalation-gas) 87069 mg/l
ATEmix (inhalation-dust/mist) 68.2 mg/l
ATEmix (inhalation-vapor) 637 mg/l

## 12. ECOLOGICAL INFORMATION

This product does not contain a chemical which is listed as a marine pollutant according to DOT.

# **Ecotoxicity**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
PROPANE/ISOBUTANE/N- BUTANE 68476-86-8	-	-	-	-
HEXANE 110-54-3	-	2.1 - 2.98 mg/L LC50 Pimephales promelas 96h flow-through	-	-
ACETONE 67-64-1	<u>-</u>	4.74 - 6.33 mL/L LC50 Oncorhynchus mykiss 96h 6210 - 8120 mg/L LC50 Pimephales promelas 96h static 8300 mg/L LC50	-	10294 - 17704 mg/L EC50 Daphnia magna 48h Static 12600 - 12700 mg/L EC50 Daphnia magna 48h

		Lepomis macrochirus 96h		
XYLENE 1330-20-7	4700 mg/l ECF0	13.1 - 16.5 mg/L LC50 Lepomis macrochirus 96h flow-through 13.5 - 17.3 mg/L LC50 Oncorhynchus mykiss 96h 2.661 - 4.093 mg/L LC50 Oncorhynchus mykiss 96h static 23.53 - 29.97 mg/L LC50 Pimephales promelas 96h static 30.26 - 40.75 mg/L LC50 Poecilia reticulata 96h static 7.711 - 9.591 mg/L LC50 Lepomis macrochirus 96h static 13.4 mg/L LC50 Pimephales promelas 96h flow-through 19 mg/L LC50 Lepomis macrochirus 96h 780 mg/L LC50 Cyprinus carpio 96h semi-static 780 mg/L LC50 Cyprinus carpio	-	0.6 mg/L LC50 Gammarus lacustris 48h 3.82 mg/L EC50 water flea 48h
PETROLEUM DISTILLATES 64742-89-8	Pseudokirchneriella subcapitata 72h	-	-	-
TOLUENE 108-88-3	12.5 mg/L EC50 Pseudokirchneriella subcapitata 72h static 433 mg/L EC50 Pseudokirchneriella subcapitata 96h	11.0 - 15.0 mg/L LC50 Lepomis macrochirus 96h static 14.1 - 17.16 mg/L LC50 Oncorhynchus mykiss 96h static 15.22 - 19.05 mg/L LC50 Pimephales promelas 96h flow-through 5.89 - 7.81 mg/L LC50 Oncorhynchus mykiss 96h flow-through 50.87 - 70.34 mg/L LC50 Poecilia reticulata 96h static 12.6 mg/L LC50 Pimephales promelas 96h static 28.2 mg/L LC50 Poecilia reticulata 96h semi-static 5.8 mg/L LC50 Oncorhynchus mykiss 96h semi-static 54 mg/L LC50 Oryzias latipes 96h static	-	5.46 - 9.83 mg/L EC50 Daphnia magna 48h Static 11.5 mg/L EC50 Daphnia magna 48h
ETHYL BENZENE 100-41-4	1.7 - 7.6 mg/L EC50 Pseudokirchneriella subcapitata 96h static 2.6 - 11.3 mg/L EC50 Pseudokirchneriella subcapitata 72h static 4.6 mg/L EC50 Pseudokirchneriella subcapitata 72h 438 mg/L EC50 Pseudokirchneriella subcapitata 72h 438 mg/L EC50 Pseudokirchneriella subcapitata 96h	11.0 - 18.0 mg/L LC50 Oncorhynchus mykiss 96h static 7.55 - 11 mg/L LC50 Pimephales promelas 96h flow-through 9.1 - 15.6 mg/L LC50 Pimephales promelas 96h static 32 mg/L LC50 Lepomis macrochirus 96h static 4.2 mg/L LC50 Oncorhynchus mykiss 96h semi-static 9.6 mg/L LC50 Poecilia reticulata 96h static	-	1.8 - 2.4 mg/L EC50 Daphnia magna 48h

# Persistence and degradability

# **Bioaccumulation**

ſ	Chemical Name	log Pow
Ī	PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	2.8
t	ACETONE	-0.24

67-64-1	
XYLENE	3.15
1330-20-7	
TOLUENE	2.7
108-88-3	
ETHYL BENZENE	3.2
100-41-4	

Other adverse effects

No information available

# 13. DISPOSAL CONSIDERATIONS

#### Waste treatment

Waste Disposal Methods Dispose of in accordance with federal, state, and local regulations. This material, as

supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with federal, state, and local regulations. Dispose of in accordance with local

regulations.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or

disposal. Pressurized container: Do not pierce or burn, even after use. Do not re-use empty

containers.

# 14. TRANSPORT INFORMATION

**DOT Ground**LIMITED QUANTITY

Marine Pollutant This product does not contain a chemical which is listed as a marine pollutant according to

DOT.

IATA UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD .QTY.

IMDG UN1950, AEROSOLS, 2.1, LTD.QTY

# 15. REGULATORY INFORMATION

# **International Inventories**

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
PROPANE/ISOBUTA NE/N-BUTANE	Х	Х	Х	х	Х	Х	Х	Х
HEXANE	Х	Х	X	Х	Х	X	Х	Х
ACETONE	Х	Х	Х	Х	Х	Х	X	Х
XYLENE	Х	Х	Х	Х	X	Х	Х	Х
POLYTETRAFLUORO ETHYLENE	Х	Х	Not listed	Х	Х	Х	Х	Х
PETROLEUM DISTILLATES	Х	Х	Х	Not listed	Х	Х	Х	Х
TOLUENE	Х	Х	Х	Х	Х	Х	Х	Х
ETHYL BENZENE	X	Х	X	Х	Х	Х	Х	Х

#### Legend:

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 Commercial Chemical Substances/EU List of Notified Chemical Substances

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

CHINA - 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

# U.S. Federal Regulations

## **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain 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	Weight %*	SARA 313 - Threshold Values %
HEXANE - 110-54-3	110-54-3	24.5	1.0
XYLENE - 1330-20-7	1330-20-7	2.54525	1.0

# SARA 311/312 Hazard Categories

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

## **Clean Water Act**

This product does contain 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	100 lb			X
1330-20-7				
TOLUENE	1000 lb	X	X	X
108-88-3				
ETHYL BENZENE	1000 lb	X	X	X
100-41-4				

## **CERCLA**

This material, as supplied, does contain 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	RQ
		RQs	
HEXANE	5000 lb		RQ 5000 lb final RQ
110-54-3			RQ 2270 kg final RQ
ACETONE	5000 lb		RQ 5000 lb final RQ
67-64-1			RQ 2270 kg final RQ
XYLENE	100 lb		RQ 100 lb final RQ
1330-20-7			RQ 45.4 kg final RQ
TOLUENE	1000 lb		RQ 1000 lb final RQ
108-88-3			RQ 454 kg final RQ
ETHYL BENZENE	1000 lb		RQ 1000 lb final RQ
100-41-4			RQ 454 kg final RQ

# **U.S. State Regulations**

## **California Proposition 65**

This product contains the following Proposition 65 chemicals:



This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Chemical Name	California Prop. 65	
HEXANE - 110-54-3	Developmental, Reproductive (Male),20-30%	
TOLUENE - 108-88-3	Developmental /<0.1%	
ETHYL BENZENE - 100-41-4	Cancer/<0.1%	

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
HEXANE 110-54-3	X	X	X
ACETONE 67-64-1	Х	X	Х
XYLENE 1330-20-7	Х	Х	Х
POLYTETRAFLUOROETHYLENE 9002-84-0			Х
PETROLEUM DISTILLATES 64742-89-8			Х
ISOBUTYL METHACRYLATE 97-86-9	Х		
TOLUENE 108-88-3	Х	Х	Х
ETHYL BENZENE 100-41-4	Х	X	X
BENZENE 71-43-2	Х	X	Х

**EPA Pesticide Registration Number** Not applicable

## Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

#### Legend

NPRI - National Pollutant Release Inventory

# **16. OTHER INFORMATION**

NFPA Health Hazard 2 Flammability 4 Instability 0 Physical and chemical

hazards -

<u>HMIS</u> Health Hazard 2\* Flammability 4 Physical Hazard 1 Personal protection B Chronic Hazard Star Legend Chronic Health Star Hazard Repeated or prolonged exposure may cause central nervous system

damage

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**Revision Note** 

(M)SDS sections updated 2 3 15 1

Disclaimer: The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**