

SAFETY DATA SHEET

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Version 1.03

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

Product identifier

Product name TIFCO PURGE III PARTS SOLVENT
8183, 8414, 9884, 9885

Other means of identification

Product code F01046

Product Type Extremely Flammable Aerosol

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Brake Cleaner. Parts Cleaner.

Uses advised against No information available

Manufactured For:

Tifco Industries
21400 Northwest Freeway
Cypress, TX 77429
800-868-4326

Emergency telephone number

Chemical Emergency Phone Number CHEM-TEL, INC. 1-800-255-3924

Company Emergency Phone Number 281-571-6000

2. HAZARDS IDENTIFICATION

Classification

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

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
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 causing cancer

May cause respiratory irritation. May cause drowsiness or dizziness.

May cause damage to organs (Eyes, Skin, Respiratory System, Central Nervous System, and Hearing) through prolonged or repeated exposure.

Extremely flammable aerosol

Contains gas under pressure; may explode if heated



Appearance Clear **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: Get medical advice, attention.

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.

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)

Not applicable

Other information

0% of mixture consists of ingredients(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
ACETONE	67-64-1	70-80
METHYL ACETATE	79-20-9	1-10
CARBON DIOXIDE	124-38-9	1-10
XYLENE	1330-20-7	1-10
ETHYL BENZENE	100-41-4	1-10
TOLUENE	108-88-3	<0.1
CUMENE	98-82-8	<0.1
BENZENE	71-43-2	<0.1

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**Description of first aid measures**

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. Keep eye wide open while rinsing. If eye irritation persists, consult a doctor.

Skin contact Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

Inhalation Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.

Ingestion Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to unconscious person. Risk of product entering the lungs on vomiting after ingestion.

Most important symptoms and effects, both acute and delayed

Main Symptoms Causes skin and eye irritation. May cause respiratory irritation. Harmful if swallowed and enters airways.

Indication of any immediate medical attention and special treatment needed

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.

Specific hazards arising from the chemical

Extremely Flammable / Flammable. Keep product and empty container away from heat and sources of ignition.

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

Personal precautions Use with adequate ventilation to keep the exposure levels below the OELs.

Environmental precautions

Environmental precautions Vapors can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Report spills as required by local and federal regulations.

Methods and material for containment and cleaning up

Methods for Containment Absorb with earth, sand, or other non-combustible material and transfer to containers. Prevent further leakage if safe to do so.

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 contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. Avoid skin contact. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces.

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 2

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
ACETONE 67-64-1	STEL: 500 ppm TWA: 250 ppm	TWA: 1000 ppm TWA: 2400 mg/m ³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m ³ (vacated) STEL: 2400 mg/m ³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors. (vacated) STEL: 1000 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m ³
METHYL ACETATE 79-20-9	STEL: 250 ppm TWA: 200 ppm	TWA: 200 ppm TWA: 610 mg/m ³ (vacated) TWA: 200 ppm (vacated) TWA: 610 mg/m ³ (vacated) STEL: 250 ppm (vacated) STEL: 760 mg/m ³	IDLH: 3100 ppm TWA: 200 ppm TWA: 610 mg/m ³ STEL: 250 ppm STEL: 760 mg/m ³
CARBON DIOXIDE 124-38-9	STEL: 30000 ppm TWA: 5000 ppm	TWA: 5000 ppm TWA: 9000 mg/m ³ (vacated) TWA: 10000 ppm (vacated) TWA: 18000 mg/m ³ (vacated) STEL: 30000 ppm (vacated) STEL: 54000 mg/m ³	IDLH: 40000 ppm TWA: 5000 ppm TWA: 9000 mg/m ³ STEL: 30000 ppm STEL: 54000 mg/m ³
XYLENE 1330-20-7	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m ³	Not Established
ETHYL BENZENE 100-41-4	Ototoxicant - potential to cause hearing disorders TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m ³	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³
Distillates (petroleum), hydrotreated Light 64742-47-8	TWA: 200 PPM 8 hours	-	-
TOLUENE 108-88-3	Ototoxicant - potential to cause hearing disorders TWA: 20 ppm	TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m ³ Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 560 mg/m ³
CUMENE 98-82-8	TWA: 5 ppm	TWA: 50 ppm TWA: 245 mg/m ³ (vacated) TWA: 50 ppm (vacated) TWA: 245 mg/m ³ (vacated) S* S*	IDLH: 900 ppm TWA: 50 ppm TWA: 245 mg/m ³
BENZENE 71-43-2	STEL: 2.5 ppm TWA: 0.5 ppm	TWA: 10 ppm applies to industry segments exempt from	IDLH: 500 ppm TWA: 0.1 ppm

	S*	the benzene standard at 29 CFR 1910.1028 TWA: 1 ppm (vacated) TWA: 10 ppm unless specified 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	STEL: 1 ppm
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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).

Appropriate engineering controls

Engineering Measures Showers, eyewash stations, and ventilation systems.

Individual protection measures, such as personal protective equipment

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

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 provided in accordance with current local regulations.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Aerosol	Odor Odor Threshold	Solvent
Appearance	Clear		
Color	Colorless		
Property	Values	Remarks • Method	
pH	No information available		
Melting/freezing point	No information available		
Boiling point/boiling range	No information available		
Flash Point	-18_-17 °C / -0.40_1 °F	(based on components) Additionally, propellant has no flashpoint.	
Evaporation rate	No information available		
Flammability (solid, gas)	No information available		
Flammability Limits in Air			
upper flammability limit	No information available		
lower flammability limit	No information available		
Vapor pressure			
Vapor density	No information available		
Specific gravity	0.818		
Water solubility	Insoluble in water		
Partition coefficient: n-octanol/water			
Autoignition temperature	No information available	Not applicable	

Hyphen
Viscosity No information available
Explosive properties

Other information

VOC Content(%) 8.95

10. STABILITY AND REACTIVITY

Reactivity

Stable under recommended storage conditions No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Heat, flames and sparks.

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	Avoid inhaling vapors or mists. Harmful if inhaled. May cause irritation to respiratory system.
Eye contact	Causes serious eye irritation.
Skin contact	Causes skin irritation.
Ingestion	No information available.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
ACETONE 67-64-1	= 5800 mg/kg (Rat)	> 15700 mg/kg (Rabbit)	= 50100 mg/m ³ (Rat) 8 h
METHYL ACETATE 79-20-9	> 5 g/kg (Rat)	> 5 g/kg (Rabbit)	> 49000 mg/m ³ (Rat) 4 h
XYLENE 1330-20-7	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h
ETHYL BENZENE 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.4 mg/L (Rat) 4 h
TOLUENE 108-88-3	= 2600 mg/kg (Rat)	= 12000 mg/kg (Rabbit)	= 12.5 mg/L (Rat) 4 h
CUMENE 98-82-8	= 1400 mg/kg (Rat)	= 12300 µL/kg (Rabbit)	> 3577 ppm (Rat) 6 h
BENZENE 71-43-2	= 810 mg/kg (Rat)	> 8200 mg/kg (Rabbit)	= 44.66 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms Causes skin and serious eye irritation. May cause drowsiness or dizziness. May cause respiratory irritation. Harmful if inhaled.

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

Skin corrosion/irritation	Irritating to skin.
Eye damage/irritation	Irritating to eyes.
Irritation	Causes skin and eye irritation. May cause respiratory irritation.
Sensitization	None known.
Germ cell mutagenicity	Not a germ cell mutagen.
Carcinogenicity	The table below indicates whether each agency has evaluated a listed ingredient as a carcinogen. par. Toluene, Cumene, and Benzene are in the product as carcinogens at <0.1%.

Chemical Name	ACGIH	IARC	NTP	OSHA
XYLENE 1330-20-7	-	Group 3	-	-
ETHYL BENZENE 100-41-4	A3	Group 2B	-	X
TOLUENE 108-88-3	-	Group 3	-	-
CUMENE 98-82-8	A3	Group 2B	Reasonably Anticipated	X
BENZENE 71-43-2	A1	Group 1	Known	X

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - *Animal Carcinogen*

A2 - *Suspected Human Carcinogen*

IARC: (International Agency for Research on Cancer)

Group 2B - *Possibly Carcinogenic to Humans*

Group 3 - *Not Classifiable as to Carcinogenicity in Humans*

Group 1 - *Carcinogenic to Humans*

OSHA: (Occupational Safety & Health Administration)

X - *Present*

Reproductive toxicity

Specific target organ systemic toxicity (single exposure)

Specific target organ systemic toxicity (repeated exposure)

Chronic toxicity

This product does not contain any known or suspected reproductive hazards.

May cause respiratory irritation. May cause drowsiness or dizziness.

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

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.

Eyes, Skin, Central nervous system.

No information available.

Target Organ Effects

Aspiration hazard

Numerical measures of toxicity - Product Information

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

ATEmix (dermal) 15,360.90 mg/kg

ATEmix (inhalation-vapor) 326.7689 mg/l

ATEmix (inhalation-dust/mist) 16.80 mg/l

ATEmix (inhalation-vapor) 271.8 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
ACETONE 67-64-1	-	LC50: 4.74 - 6.33mL/L (96h, <i>Oncorhynchus mykiss</i>) LC50: 6210 - 8120mg/L (96h, <i>Pimephales promelas</i>) LC50: =8300mg/L (96h, <i>Lepomis macrochirus</i>)	-	EC50: 10294 - 17704mg/L (48h, <i>Daphnia magna</i>) EC50: 12600 - 12700mg/L (48h, <i>Daphnia magna</i>)
METHYL ACETATE 79-20-9	EC50: >120mg/L (72h, <i>Desmodesmus subspicatus</i>)	LC50: 295 - 348mg/L (96h, <i>Pimephales promelas</i>) LC50: 250 - 350mg/L (96h,	-	EC50: =1026.7mg/L (48h, <i>Daphnia magna</i>)

CARBON DIOXIDE 124-38-9	-	Brachydanio rerio) 0.46 mg/L LC50 <i>Oncorhynchus mykiss</i>	-	-
XYLENE 1330-20-7	-	LC50: =13.4mg/L (96h, <i>Pimephales promelas</i>) LC50: 2.661 - 4.093mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: 13.5 - 17.3mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: 13.1 - 16.5mg/L (96h, <i>Lepomis macrochirus</i>) LC50: =19mg/L (96h, <i>Lepomis macrochirus</i>) LC50: 7.711 - 9.591mg/L (96h, <i>Lepomis macrochirus</i>) LC50: 23.53 - 29.97mg/L (96h, <i>Pimephales promelas</i>) LC50: =780mg/L (96h, <i>Cyprinus carpio</i>) LC50: >780mg/L (96h, <i>Cyprinus carpio</i>) LC50: 30.26 - 40.75mg/L (96h, <i>Poecilia reticulata</i>)	-	EC50: =3.82mg/L (48h, water flea) LC50: =0.6mg/L (48h, <i>Gammastris lacustris</i>)
ETHYL BENZENE 100-41-4	EC50: =4.6mg/L (72h, <i>Pseudokirchneriella subcapitata</i>) EC50: >438mg/L (96h, <i>Pseudokirchneriella subcapitata</i>) EC50: 2.6 - 11.3mg/L (72h, <i>Pseudokirchneriella subcapitata</i>) EC50: 1.7 - 7.6mg/L (96h, <i>Pseudokirchneriella subcapitata</i>)	LC50: 11.0 - 18.0mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: =4.2mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: 7.55 - 11mg/L (96h, <i>Pimephales promelas</i>) LC50: =32mg/L (96h, <i>Lepomis macrochirus</i>) LC50: 9.1 - 15.6mg/L (96h, <i>Pimephales promelas</i>) LC50: =9.6mg/L (96h, <i>Poecilia reticulata</i>)	-	EC50: 1.8 - 2.4mg/L (48h, <i>Daphnia magna</i>)
TOLUENE 108-88-3	EC50: >433mg/L (96h, <i>Pseudokirchneriella subcapitata</i>) EC50: =12.5mg/L (72h, <i>Pseudokirchneriella subcapitata</i>)	LC50: 15.22 - 19.05mg/L (96h, <i>Pimephales promelas</i>) LC50: =12.6mg/L (96h, <i>Pimephales promelas</i>) LC50: 5.89 - 7.81mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: 14.1 - 17.16mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: =5.8mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: 11.0 - 15.0mg/L (96h, <i>Lepomis macrochirus</i>) LC50: =54mg/L (96h, <i>Oryzias latipes</i>) LC50: =28.2mg/L (96h, <i>Poecilia reticulata</i>) LC50: 50.87 - 70.34mg/L (96h, <i>Poecilia reticulata</i>)	-	EC50: 5.46 - 9.83mg/L (48h, <i>Daphnia magna</i>) EC50: =11.5mg/L (48h, <i>Daphnia magna</i>)
CUMENE 98-82-8	EC50: =2.6mg/L (72h, <i>Pseudokirchneriella subcapitata</i>)	LC50: 6.04 - 6.61mg/L (96h, <i>Pimephales promelas</i>) LC50: =4.8mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: =2.7mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: =5.1mg/L (96h, <i>Poecilia reticulata</i>)	-	EC50: =0.6mg/L (48h, <i>Daphnia magna</i>) EC50: 7.9 - 14.1mg/L (48h, <i>Daphnia magna</i>)
BENZENE 71-43-2	EC50: =29mg/L (72h, <i>Pseudokirchneriella subcapitata</i>)	LC50: 10.7 - 14.7mg/L (96h, <i>Pimephales promelas</i>) LC50: =5.3mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: =22.49mg/L (96h, <i>Lepomis macrochirus</i>)	-	EC50: 8.76 - 15.6mg/L (48h, <i>Daphnia magna</i>) EC50: =10mg/L (48h, <i>Daphnia magna</i>)

		LC50: =28.6mg/L (96h, Poecilia reticulata) LC50: 22330 - 41160µg/L (96h, Pimephales promelas) LC50: 70000 - 142000µg/L (96h, Lepomis macrochirus)	
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Persistence and degradability**Bioaccumulation**

Chemical Name	Partition coefficient
ACETONE 67-64-1	-0.24
METHYL ACETATE 79-20-9	0.18
XYLENE 1330-20-7	3.15
ETHYL BENZENE 100-41-4	3.6
TOLUENE 108-88-3	2.73
CUMENE 98-82-8	3.55
BENZENE 71-43-2	2.13

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS**Waste treatment**

Waste Disposal Methods 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.

Contaminated packaging Do not re-use empty containers. Empty containers may contain flammable or explosive vapors. Pressurized container: Do not pierce or burn, even after use.

14. TRANSPORT INFORMATION

DOT Ground LIMITED QUANTITY

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
ACETONE	X	X	X	X	X	X	X	X
METHYL ACETATE	X	X	X	X	X	X	X	X
CARBON DIOXIDE	X	X	X	X	X	X	X	X
XYLENE	X	X	X	X	X	X	X	X
ETHYL BENZENE	X	X	X	X	X	X	X	X
TOLUENE	X	X	X	X	X	X	X	X
CUMENE	X	X	X	X	X	X	X	X
BENZENE	X	X	X	X	X	X	X	X

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

US Federal Regulations

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.	Weight-%	SARA 313 - Threshold Values %
XYLENE - 1330-20-7	1330-20-7	1-10	1.0
ETHYL BENZENE - 100-41-4	100-41-4	1-10	0.1
TOLUENE - 108-88-3	108-88-3	<0.1	1.0
CUMENE - 98-82-8	98-82-8	<0.1	0.1
BENZENE - 71-43-2	71-43-2	<0.1	0.1

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	Yes
Reactive Hazard	No

CWA (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 1330-20-7	100 lb			X
ETHYL BENZENE 100-41-4	1000 lb	X	X	X
TOLUENE 108-88-3	1000 lb	X	X	X
BENZENE 71-43-2	10 lb	X	X	X

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	Reportable Quantity (RQ)
ACETONE 67-64-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
XYLENE 1330-20-7	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
ETHYL BENZENE 100-41-4	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
TOLUENE 108-88-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
CUMENE 98-82-8	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
BENZENE 71-43-2	10 lb		RQ 10 lb final RQ RQ 4.54 kg final RQ

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals: This product does not contain any 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 Proposition 65
ETHYL BENZENE - 100-41-4	Cancer/ 1-10%
TOLUENE - 108-88-3	Developmental / <0.1%
CUMENE - 98-82-8	Cancer /<0.1%
BENZENE - 71-43-2	Cancer Developmental (Male) / <0.1%

Note

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
ACETONE 67-64-1	X	X	X
METHYL ACETATE 79-20-9	X	X	X
CARBON DIOXIDE 124-38-9	X	X	X
XYLENE 1330-20-7	X	X	X
ETHYL BENZENE 100-41-4	X	X	X
TOLUENE 108-88-3	X	X	X
CUMENE 98-82-8	X	X	X
BENZENE 71-43-2	X	X	X

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.

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards 2	Flammability 4	Instability 0	Special hazards -
<u>HMIS</u>	Health hazards 2*	Flammability 4	Physical hazards 1	Personal protection B
Chronic Hazard Star Legend	* = Chronic Health Hazard			

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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