



Univar USA Inc Safety Data Sheet

SDS No:

Version No:

Order No:

3075 Highland Pkwy, Ste 200, Downers Grove, IL 60515
(425) 889 3400

Emergency Assistance

For emergency assistance involving chemicals call
Chemtrec - (800) 424-9300



Univar
3075 Highland Pkwy STE 200
Downers Grove, IL 60515
425-889-3400

SAFETY DATA SHEET

1. Identification

Product identifier: - BLEND TRAFFIC PAINT SOLVENT 2

Other means of identification

SDS number: 000100000043

Recommended use and restriction on use

Recommended use: Reserved for industrial and professional use.

Restrictions on use: Not known.

Emergency telephone number:For emergency assistance Involving chemicals

call CHEMTREC day or night at: 1-800-424-9300. CHEMTREC INTERNATIONAL Tel# 703-527-3887

2. Hazard(s) identification

Hazard classification

Physical hazards

Flammable liquids Category 2

Health hazards

Acute toxicity (Oral) Category 4

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2A

Carcinogenicity Category 1A

Toxic to reproduction Category 2

Environmental hazardsAcute hazards to the aquatic environment Category 2

Chronic hazards to the aquatic environment Category 3

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Label elements

Hazard symbol



Signal word

Danger

Hazard statement

Poison: Vapor harmful; May be fatal or cause blindness if swallowed;
Cannot be made nonpoisonous.
Highly flammable liquid and vapor.
Causes skin and eye irritation.
May cause cancer.
Suspected of damaging fertility or the unborn child.
Toxic to aquatic life.

Precautionary statement

Prevention

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Ground/bond container and receiving equipment. Use explosion-proof
electrical/ventilating/lighting/equipment. Use only non-sparking tools.
Take precautionary measures against static discharge. Wash thoroughly
after handling. Use personal protective equipment as required.

Response

If in eyes: Rinse cautiously with water for several minutes. Remove contact
lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair):
Take off immediately all contaminated clothing. Rinse skin with
water/shower. IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel
unwell. If exposed or concerned: Get medical advice/attention. Take off

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contaminated clothing and wash before reuse.

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

Disposal Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other hazards which do not result in GHS classification Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

3. Composition/information on ingredients

Mixtures

Chemical identity	Common name and synonyms	CAS number	Content in percent (%)*
Toluene		108-88-3	>=35 - <=45%
Solvent naphtha (petroleum), light aliph.		64742-89-8	>=5 - <=15%
2-Butoxyethanol		111-76-2	>=0 - <=10%
Ethyl acetate		141-78-6	>=0 - <=10%
Methyl Isobutyl Ketone		108-10-1	>=0 - <=10%
Methyl Ethyl Ketone		78-93-3	>=0 - <=10%
Acetone		67-64-1	>=0 - <=10%
Isopropyl Alcohol		67-63-0	>=0 - <=10%
Ethanol		64-17-5	>=0 - <=10%
Methanol		67-56-1	>=0 - <=10%
Xylene		1330-20-7	>=0 - <=5%
Ethylbenzene		100-41-4	>=0 - <=2%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

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4. First-aid measures

General information:	Get medical attention if symptoms occur.
Ingestion:	Never give liquid to an unconscious person. Do NOT induce vomiting. Get medical attention immediately.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. Perform artificial respiration if breathing has stopped.
Skin contact:	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Eye contact:	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
Most important symptoms/effects, acute and delayed	
Symptoms:	No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Symptoms may be delayed.

5. Fire-fighting measures

General fire hazards: Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Use: Carbon dioxide or dry powder. Alcohol resistant foam. Water spray. Water in large amounts.

Unsuitable extinguishing media: No data available.

Specific hazards arising from the chemical: Vapors may travel considerable distance to a source of ignition and flash back. Vapors may cause a flash fire or ignite explosively. Prevent buildup of vapors or gases to explosive concentrations.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available.

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

6. Accidental release measures

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Personal precautions, protective equipment and emergency procedures: Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. See Section 8 of the MSDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

Methods and material for containment and cleaning up: Absorb spillage with non-combustible, absorbent material. Dike for later disposal. All equipment used when handling the product must be grounded. Eliminate sources of ignition. Prevent runoff from entering drains, sewers, or streams.

Notification Procedures: Dike for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.

Environmental precautions: Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so. Avoid release to the environment.

7. Handling and storage

Precautions for safe handling: Use personal protective equipment as required. Use only with adequate ventilation. Avoid breathing mists or vapors. Flammable/combustible - Keep away from oxidizers, heat and flames.

Conditions for safe storage, including any incompatibilities: Store locked up. Store in a well-ventilated place. Store in a cool place.

8. Exposure controls/personal protection

Control parameters
Occupational exposure limits

Chemical identity	Type	Exposure Limit values	Source
Toluene	TWA	20 ppm	US. ACGIH Threshold Limit Values (03 2013)
	REL	100 ppm 375 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	STEL	150 ppm 560 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	TWA	100 ppm 375 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	150 ppm 560 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	Ceiling	300 ppm	US. OSHA Table Z-2 (29 CFR

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			1910.1000) (02 2006)
	TWA	200 ppm	US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)
	MAX. CONC	500 ppm	US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)
	TWA	100 ppm	375 mg/m3 US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	STEL	150 ppm	580 mg/m3 US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	AN ESL		1,200 µg/m3 US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		3,470 µg/m3 US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		920 ppb US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		330 ppb US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	Ceiling	500 ppm	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	TWA PEL	10 ppm	37 mg/m3 US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	STEL	150 ppm	560 mg/m3 US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
2-Butoxyethanol	TWA	20 ppm	US. ACGIH Threshold Limit Values (03 2013)
	REL	5 ppm	24 mg/m3 US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	50 ppm	240 mg/m3 US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	25 ppm	120 mg/m3 US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)

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	TWA	25 ppm	120 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	ST ESL		210 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		3,700 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		43 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		780 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	TWA PEL	20 ppm	97 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
Ethyl acetate	TWA	400 ppm		US. ACGIH Threshold Limit Values (03 2013)
	REL	400 ppm	1,400 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	400 ppm	1,400 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	400 ppm	1,400 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	400 ppm	1,400 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	ST ESL		1,400 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		1,440 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		390 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		400 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)

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				Quality) (02 2013)
	TWA PEL	400 ppm	1,400 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
Methyl Isobutyl Ketone	TWA	20 ppm		US. ACGIH Threshold Limit Values (03 2013)
	STEL	75 ppm		US. ACGIH Threshold Limit Values (03 2013)
	REL	50 ppm	205 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	STEL	75 ppm	300 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	100 ppm	410 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	50 ppm	205 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	75 ppm	300 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	50 ppm	205 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	STEL	75 ppm	300 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	AN ESL		82 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		700 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		170 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		20 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	TWA PEL	50 ppm	205 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	STEL	75 ppm	300	US. California Code of Regulations,

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		mg/m3	Title 8, Section 5155. Airborne Contaminants (02 2012)
Methyl Ethyl Ketone	TWA	200 ppm	US. ACGIH Threshold Limit Values (03 2013)
	STEL	300 ppm	US. ACGIH Threshold Limit Values (03 2013)
	REL	200 ppm	590 mg/m3 US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	STEL	300 ppm	885 mg/m3 US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	200 ppm	590 mg/m3 US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	200 ppm	590 mg/m3 US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	300 ppm	885 mg/m3 US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	200 ppm	590 mg/m3 US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	STEL	300 ppm	885 mg/m3 US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	ST ESL		1,300 µg/m3 US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		2,600 µg/m3 US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		440 ppb US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		900 ppb US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	STEL	300 ppm	885 mg/m3 US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	TWA PEL	200 ppm	590 mg/m3 US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)

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Acetone	TWA	750 ppm	1,800 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	STEL	1,000 ppm	2,400 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	ST ESL		5,900 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		590 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		2,500 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		250 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	Ceiling	3,000 ppm		US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	TWA PEL	500 ppm	1,200 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	STEL	750 ppm	1,780 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	STEL	750 ppm		US. ACGIH Threshold Limit Values (03 2013)
	TWA	500 ppm		US. ACGIH Threshold Limit Values (03 2013)
	TWA	200 ppm		US. ACGIH Notice of Intended Changes (NIC) to Threshold Limit Values (03 2013)
	STEL	500 ppm		US. ACGIH Notice of Intended Changes (NIC) to Threshold Limit Values (03 2013)
	REL	250 ppm	590 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	1,000 ppm	2,400 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

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				(02 2006)
	STEL	1,000 ppm	2,400 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	750 ppm	1,800 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
Isopropyl Alcohol	TWA	200 ppm		US. ACGIH Threshold Limit Values (03 2013)
	STEL	400 ppm		US. ACGIH Threshold Limit Values (03 2013)
	REL	400 ppm	980 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	STEL	500 ppm	1,225 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	400 ppm	980 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	STEL	500 ppm	1,225 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	400 ppm	980 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	500 ppm	1,225 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	TWA	400 ppm	980 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	ST ESL		4,920 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		492 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		2,000 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		200 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	TWA PEL	400 ppm	980 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)

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	STEL	500 ppm	1,225 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
Ethanol	TWA	1,000 ppm	1,900 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	STEL	1,000 ppm		US. ACGIH Threshold Limit Values (03 2013)
	REL	1,000 ppm	1,900 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	1,000 ppm	1,900 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	1,000 ppm	1,900 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	ST ESL		1,910 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		1,880 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		1,000 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		1,010 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	TWA PEL	1,000 ppm	1,900 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
Methanol	TWA	200 ppm		US. ACGIH Threshold Limit Values (03 2013)
	STEL	250 ppm		US. ACGIH Threshold Limit Values (03 2013)
	REL	200 ppm	260 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	STEL	250 ppm	325 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	200 ppm	260 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

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			(02 2006)
	TWA	200 ppm 260 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	250 ppm 325 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	200 ppm 260 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	STEL	250 ppm 325 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	ST ESL	2,620 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL	2,000 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL	262 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL	200 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	Ceiling	1,000 ppm	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	TWA PEL	200 ppm 260 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	STEL	250 ppm 325 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
Xylene	STEL	150 ppm	US. ACGIH Threshold Limit Values (03 2013)
	TWA	100 ppm	US. ACGIH Threshold Limit Values (03 2013)
	REL	100 ppm 435 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	REL	100 ppm 435 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	STEL	150 ppm 655	US. NIOSH: Pocket Guide to Chemical

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		mg/m3	Hazards (2010)
STEL	150 ppm	655 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
STEL	150 ppm	655 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
REL	100 ppm	435 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
PEL	100 ppm	435 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
STEL	150 ppm	655 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
TWA	100 ppm	435 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
TWA	100 ppm	435 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
STEL	150 ppm	655 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
AN ESL		180 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
ST ESL		350 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
ST ESL		80 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
AN ESL		42 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
TWA PEL	100 ppm	435 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
Ceiling	300 ppm		US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
STEL	150 ppm	655 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)

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Ethylbenzene	TWA	20 ppm		US. ACGIH Threshold Limit Values (03 2013)
	STEL	125 ppm	545 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	REL	100 ppm	435 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	100 ppm	435 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	100 ppm	435 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	125 ppm	545 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	100 ppm	435 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	STEL	125 ppm	545 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	AN ESL		570 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		740 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		170 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		135 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	TWA PEL	100 ppm	435 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	STEL	125 ppm	545 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)

Biological limit values

Chemical identity	Exposure Limit values	Source
Toluene (o-Cresol,	0.3 mg/g (Creatinine in urine)	ACGIH BEL (03 2013)

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with hydrolysis: Sampling time: End of shift.)		
Toluene (toluene: Sampling time: Prior to last shift of work week.)	0.02 mg/l (Blood)	ACGIH BEL (03 2013)
Toluene (toluene: Sampling time: End of shift.)	0.03 mg/l (Urine)	ACGIH BEL (03 2013)
2-Butoxyethanol (Butoxyacetic acid (BAA), with hydrolysis: Sampling time: End of shift.)	200 mg/g (Creatinine in urine)	ACGIH BEL (03 2013)
Methyl Ethyl Ketone (MEK: Sampling time: End of shift.)	2 mg/l (Urine)	ACGIH BEL (03 2013)
Acetone (acetone: Sampling time: End of shift.)	50 mg/l (Urine)	ACGIH BEL (03 2013)
Isopropyl Alcohol (acetone: Sampling time: End of shift at end of work week.)	40 mg/l (Urine)	ACGIH BEL (03 2013)
Methanol (methanol: Sampling time: End of shift.)	15 mg/l (Urine)	ACGIH BEL (03 2013)
Xylene (Methylhippuric acids: Sampling time: End of shift.)	1.5 g/g (Creatinine in urine)	ACGIH BEL (03 2013)
Ethylbenzene (Sum of mandelic acid and phenylglyoxylic acid: Sampling time: End of shift at end of work week.)	0.7 g/g (Creatinine in urine)	ACGIH BEL (03 2013)

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Appropriate engineering controls	No data available.
Individual protection measures, such as personal protective equipment	
General information:	Provide easy access to water supply and eye wash facilities. 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. If exposure limits have not been established, maintain airborne levels to an acceptable level. Use explosion-proof ventilation equipment.
Eye/face protection:	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection:	No data available.
Other:	Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.
Respiratory protection:	In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.
Hygiene measures:	Do not eat, drink or smoke when using the product. Wash hands after handling. Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Avoid contact with eyes. When using do not smoke. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash contaminated clothing before reuse. Avoid contact with skin.

9. Physical and chemical properties

Physical state:	Liquid
Form:	No data available.
Color:	No data available.
Odor:	No data available.
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	133 - 342 °F
Flash Point:	52 °F

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Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower limit on flammability or explosive limits	
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper (%):	No data available.
Explosive limit - lower (%):	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Solubility(ies)	
Solubility in water:	No data available.
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.

10. Stability and reactivity

Reactivity:	No data available.
Chemical stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	Heat, sparks, flames.
Incompatible materials:	No data available.
Hazardous decomposition products:	No data available.

11. Toxicological information

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion:	No data available.
Inhalation:	No data available.
Skin contact:	No data available.
Eye contact:	No data available.

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Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product: ATEmix (): 1,710.17 mg/kg

Dermal

Product: ATEmix (): 8,000 mg/kg

Inhalation

Product: No data available.

Specified substance(s):

Toluene LC 50 (Rat, 4 h): 8,000 mg/l

Specified substance(s):

Solvent naphtha (petroleum), light aliph. LC 50 (Rat,) : > 5,240 mg/m³ (, Yes) 1 = reliable without restrictions LC 50 (Rat,) : > 5,220 mg/m³ (, Yes) 1 = reliable without restrictions LC 50 (Rat,) : > 5,280 mg/m³ (, Yes) 1 = reliable without restrictions

Specified substance(s):

Ethyl acetate LD 50 (Mouse, 4 h): 1,500 mg/l

Specified substance(s):

Methyl Isobutyl Ketone LC 50 (Rat, 4 h): 8.2 - 16.4 mg/l

Specified substance(s):

Methyl Ethyl Ketone LC 50 (Mouse, 45 min): 11,000 mg/l LC 50 (Rat, 4 h): 11,700 mg/l

Specified substance(s):

Acetone LC 50 (Rat, 4 h): 76 mg/l LC 50 (Rat,) : 76 mg/l (, No) 2 = reliable with restrictions LC Lo (Rat, 4 h): 3 = not reliable LC 50 (Rat, 3 h): +/- 132 mg/l (, No) 2 = reliable with restrictions LC 50 (Rat, 3 h): (, No) 2 = reliable with restrictions

Specified substance(s):

Ethanol LC 50 (Rat,) : 130.7 mg/l (, No) 2 = reliable with restrictions

Specified substance(s):

Methanol LC 50 (Rat, 4 h): 64,000 mg/l LC 50 (Cat, 6 h): 43.68 mg/l LC 50 (Cat, 4.5 h): 85.41 mg/l LC 50 (Rat, 6 h): 87.5 mg/l LC 50 (Rat,) : > 115.9 mg/l (, No) 2 = reliable with restrictions

Specified substance(s):

Xylene LC 50 (Mouse, 6 h): 3,907 mg/l

Repeated dose toxicity

Product: No data available.

Skin corrosion/irritation

Product: No data available.

Serious eye damage/eye irritation

Product: No data available.

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Specified substance(s):

Methyl Isobutyl Ketone

Vapor was irritating to the eyes at 200 ppm.

Specified substance(s):

Acetone

Exposure for 15 minutes to 1660 ppm causes irritation of eyes

Specified substance(s):

Ethylbenzene

Exposure to 21.5 g/m³ (5000 ppm) ethylbenzene for a few seconds gives intolerable irritation of nose, eyes, and throat

Exposure to a concentration of 5000 ppm causes intolerable irritation of the eyes

Concentration of 200 ppm causes irritation of eyes

Respiratory or skin sensitization

Product:

No data available.

Carcinogenicity

Product:

No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

Ethylbenzene

Overall evaluation: 2B. Possibly carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens:

Ethanol

Known To Be Human Carcinogen.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ cell mutagenicity

In vitro

Product:

No data available.

In vivo

Product:

No data available.

Reproductive toxicity

Product:

Suspected of damaging fertility or the unborn child.

Specific target organ toxicity - single exposure

Product:

No data available.

Specific target organ toxicity - repeated exposure

Product:

No data available.

Aspiration hazard

Product:

No data available.

Other effects:

No data available.

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12. Ecological information

General information: Contains a substance which causes risk of hazardous effects to the environment.

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Specified substance(s):

Toluene LC 50 (Rainbow trout,donaldson trout (*Oncorhynchus mykiss*), 24 h): 6.26 - 8.4 mg/l Mortality LC 50 (Pink salmon (*Oncorhynchus gorbuscha*), 24 h): 6.97 - 8.62 mg/l Mortality LC 50 (Pink salmon (*Oncorhynchus gorbuscha*), 24 h): 7.45 - 8.75 mg/l Mortality LC 50 (Medaka, high-eyes (*Oryzias latipes*), 24 h): 80 mg/l Mortality LC 50 (Zebra danio (*Danio rerio*), 24 h): > 100 mg/l Mortality

2-Butoxyethanol LC 50 (Carp (*Leuciscus idus melanotus*), 48 h): 1,575 mg/l Mortality

Ethyl acetate LC 50 (Indian catfish (*Heteropneustes fossilis*), 72 h): 212.94 - 237.73 mg/l Mortality LC 50 (Indian catfish (*Heteropneustes fossilis*), 96 h): 200.32 - 225.42 mg/l Mortality

Methyl Isobutyl Ketone LC 50 (Carp (*Leuciscus idus melanotus*), 48 h): 672 mg/l Mortality LC 50 (Carp (*Leuciscus idus melanotus*), 48 h): 744 mg/l Mortality

Methyl Ethyl Ketone LC 50 (Goldfish (*Carassius auratus*), 24 h): 2,400 mg/l Mortality LC 50 (Western mosquitofish (*Gambusia affinis*), 24 h): 5,600 mg/l Mortality LC 50 (Bluegill (*Lepomis macrochirus*), 24 h): 5,640 mg/l Mortality LC 50 (Sheepshead minnow (*Cyprinodon variegatus*), 24 h): > 400 mg/l Mortality LC 50 (Western mosquitofish (*Gambusia affinis*), 48 h): 5,600 mg/l Mortality

Acetone LC 50 (Fathead minnow (*Pimephales promelas*), 24 h): 9,500 mg/l Mortality LC 50 (Bluegill (*Lepomis macrochirus*), 91 h): 7,037 - 7,772 mg/l Mortality LC 50 (Bluegill (*Lepomis macrochirus*), 41 h): 7,592 - 8,701 mg/l Mortality LC 50 (Medaka, high-eyes (*Oryzias latipes*), 24 h): 8,300 mg/l Mortality LC 50 (Zebra danio (*Danio rerio*), 2 h): > 100 mg/l Mortality

Isopropyl Alcohol LC 50 (Fathead minnow (*Pimephales promelas*), 1 h): 11,830 mg/l Mortality LC 50 (Fathead minnow (*Pimephales promelas*), 24 h): 10,600 mg/l Mortality LC 50 (Fathead minnow (*Pimephales promelas*), 24 h): 11,160 mg/l Mortality LC 50 (Harlequinfish, red rasbora (*Rasbora heteromorpha*), 24 h): 7,100 mg/l Mortality LC 50 (Bluegill (*Lepomis macrochirus*), 24 h): >

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1,400 mg/l Mortality

Ethanol LC 50 (Fathead minnow (*Pimephales promelas*), 1 h): > 18,000 mg/l
Mortality LC 50 (Zebra danio (*Danio rerio*), 2 h): > 100 mg/l Mortality LC 50
(Zebra danio (*Danio rerio*), 2 h): > 100 mg/l Mortality LC 50 (Rainbow
trout,donaldson trout (*Oncorhynchus mykiss*), 4 d): 42 mg/l Mortality LC 50
(Zebra danio (*Danio rerio*), 4 h): > 100 mg/l Mortality

Methanol LC 50 (Bluegill (*Lepomis macrochirus*), 24 h): 17,400 - 21,000 mg/l Mortality
LC 50 (Rainbow trout,donaldson trout (*Oncorhynchus mykiss*), 24 h): 19,800
- 20,700 mg/l Mortality LC 50 (Fathead minnow (*Pimephales promelas*), 24
h): 29,000 - 30,500 mg/l Mortality LC 50 (Medaka, high-eyes (*Oryzias
latipes*), 24 h): > 10,000 mg/l Mortality LC 50 (Medaka, high-eyes (*Oryzias
latipes*), 48 h): 1,400 mg/l Mortality

Aquatic invertebrates

Product: No data available.

Specified substance(s):

Toluene LC 50 (Water flea (*Daphnia magna*), 24 h): 240 - 420 mg/l Mortality LC 50
(Brine shrimp (*Artemia salina*), 24 h): 33 mg/l Mortality LC 50 (Water flea
(*Daphnia magna*), 24 h): 470 mg/l Mortality LC 50 (Brine shrimp (*Artemia
sp.*), 24 h): 42.8 - 63.8 mg/l Mortality LC 50 (Rotifer (*Brachionus plicatilis*),
24 h): 519.5 - 585.7 mg/l Mortality

2-Butoxyethanol LC 50 (Water flea (*Daphnia magna*), 24 h): 1,720 mg/l Mortality

Methyl Isobutyl Ketone EC 50 (Water flea (*Daphnia magna*), 24 h): 3,682 mg/l Intoxication LC 50
(Brine shrimp (*Artemia salina*), 24 h): 1,230 mg/l Mortality LC 50 (Water flea
(*Daphnia magna*), 24 h): 4,280 mg/l Mortality

Methyl Ethyl Ketone LC 50 (Brine shrimp (*Artemia salina*), 24 h): 1,950 mg/l Mortality LC 50
(Water flea (*Daphnia magna*), 24 h): 8,890 mg/l Mortality LC 50 (Water flea
(*Daphnia magna*), 24 h): > 520 mg/l Mortality LC 50 (Water flea (*Daphnia
magna*), 48 h): > 520 mg/l Mortality LC 50 (Opossum shrimp (*Americamysis
bahia*), 96 h): > 402 mg/l Mortality

Acetone LC 50 (Water flea (*Ceriodaphnia dubia*), 48 h): 5,184 - 8,640 mg/l Mortality
LC 50 (Oligochaete family (*Tubificidae*), 48 h): 15,000 mg/l Mortality LC 50
(Daggerblade grass shrimp (*Palaemonetes pugio*), 12 d): 3,500 - 19,620
mg/l Mortality LC 50 (Great pond snail (*Lymnaea stagnalis*), 48 h): 7,000
mg/l Mortality LC 50 (Water flea (*Ceriodaphnia dubia*), 240 h): 5,184 - 8,640

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mg/l Mortality

Isopropyl Alcohol	LC 50 (Water flea (Daphnia magna), 24 h): > 10,000 mg/l Mortality LC 50 (Common shrimp, sand shrimp (Crangon crangon), 48 h): 900 - 1,950 mg/l Mortality LC 50 (Common shrimp, sand shrimp (Crangon crangon), 96 h): 750 - 1,650 mg/l Mortality LC 50 (Brine shrimp (Artemia salina), 24 h): > 10,000 mg/l Mortality
Ethanol	EC 50 (Water flea (Daphnia magna), 2 h): > 100 mg/l Intoxication EC 50 (Water flea (Daphnia magna), 4 h): > 100 mg/l Intoxication EC 50 (Water flea (Daphnia magna), 6 h): > 100 mg/l Intoxication EC 50 (Water flea (Daphnia obtusa), 24 h): 12,300 - 13,400 mg/l Intoxication LC 50 (Water flea (Ceriodaphnia dubia), 48 h): 3,046 - 4,432 mg/l Mortality
Methanol	EC 50 (Water flea (Daphnia obtusa), 24 h): 22,800 - 24,400 mg/l Intoxication EC 50 (Water flea (Daphnia magna), 24 h): > 10,000 mg/l Intoxication EC 50 (Water flea (Daphnia obtusa), 48 h): 21,100 - 23,400 mg/l Intoxication EC 50 (Water flea (Daphnia magna), 48 h): 20,450 - 29,350 mg/l Intoxication EC 50 (Water flea (Daphnia magna), 48 h): > 10,000 mg/l Intoxication

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Persistence and degradability

Biodegradation

Product: No data available.

BOD/COD ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration factor (BCF)

Product: No data available.

Specified substance(s):

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Toluene	Green algae (Chlorella fusca), Bioconcentration factor (BCF): 380 (Not reported) Green algae (Selenastrum capricornutum), Bioconcentration factor (BCF): 3,016 (Static) Green algae (Chlorella fusca vacuolata), Bioconcentration factor (BCF): 380 (Static) Shore crab (Hemigrapsus nudus), Bioconcentration factor (BCF): 31 (Flow through) Ide, silver or golden orfe (Leuciscus idus), Bioconcentration factor (BCF): 94 (Not reported)
Ethyl acetate	Green algae (Chlorella fusca vacuolata), Bioconcentration factor (BCF): 13,500 (Static)
Methanol	Green algae (Chlorella fusca vacuolata), Bioconcentration factor (BCF): 28,400 (Static)
Partition coefficient n-octanol / water (log Kow)	
Product:	No data available.
Specified substance(s):	
Toluene	Log Kow: 2.73
2-Butoxyethanol	Log Kow: 0.83
Ethyl acetate	Log Kow: 0.73
Methyl Isobutyl Ketone	Log Kow: 1.31
Methyl Ethyl Ketone	Log Kow: 0.29
Acetone	Log Kow: -0.24
Isopropyl Alcohol	Log Kow: 0.05
Ethanol	Log Kow: -0.31
Methanol	Log Kow: -0.77
Xylene	Log Kow: 3.12 - 3.20

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Ethylbenzene	Log Kow: 3.15
Mobility in soil:	No data available.
Known or predicted distribution to environmental compartments	
Toluene	No data available.
Solvent naphtha (petroleum), light aliph.	No data available.
2-Butoxyethanol	No data available.
Ethyl acetate	No data available.
4-Methylpentan-2-one	No data available.
Butanone	No data available.
Acetone	No data available.
Propan-2-ol	No data available.
Ethanol	No data available.
Methanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Known or predicted distribution to environmental compartments	
Solvent naphtha (petroleum), light aliph.	No data available.
Known or predicted distribution to environmental compartments	
Toluene	No data available.
2-Butoxyethanol	No data available.
Ethyl acetate	No data available.
4-Methylpentan-2-one	No data available.
Butanone	No data available.
Acetone	No data available.
Propan-2-ol	No data available.
Ethanol	No data available.
Methanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.

13. Disposal considerations

Disposal instructions:	Discharge, treatment, or disposal may be subject to national, state, or local laws.
Contaminated packaging:	Since emptied containers retain product residue, follow label warnings even after container is emptied.

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14. Transport information

DOT

UN number:	UN 1263
UN proper shipping name:	Paint related material
Transport hazard class(es)	
Class:	3
Label(s):	3
Packing group:	II
Marine Pollutant:	Not regulated.
Special precautions for user:	—

15. Regulatory information

US federal regulations US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

Toluene	Reportable quantity: 1000 lbs.
Ethyl acetate	Reportable quantity: 5000 lbs.
Methyl Isobutyl Ketone	Reportable quantity: 5000 lbs.
Methyl Ethyl Ketone	Reportable quantity: 5000 lbs.
Acetone	Reportable quantity: 5000 lbs.
Isopropyl Alcohol	Reportable quantity: 100 lbs.
Ethanol	Reportable quantity: 100 lbs.
Methanol	Reportable quantity: 5000 lbs.
Xylene	Reportable quantity: 100 lbs.
Ethylbenzene	Reportable quantity: 1000 lbs.

Superfund amendments and reauthorization act of 1986 (SARA)

Hazard categories

Not listed.

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SARA 302 Extremely hazardous substance

Chemical identity	RQ	Threshold Planning Quantity
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Ethanol

SARA 304 Emergency release notification

Chemical identity	RQ
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Toluene	1000 lbs.
2-Butoxyethanol	
Ethyl acetate	5000 lbs.
Methyl Isobutyl Ketone	5000 lbs.
Methyl Ethyl Ketone	5000 lbs.
Acetone	5000 lbs.
Isopropyl Alcohol	100 lbs.
Ethanol	100 lbs.
Methanol	5000 lbs.
Xylene	100 lbs.
Ethylbenzene	1000 lbs.

SARA 311/312 Hazardous chemical

Chemical identity	Threshold Planning Quantity
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Chemical identity	Threshold Planning Quantity
-------------------	-----------------------------

Toluene	500 lbs
Solvent naphtha (petroleum), light aliph.	500 lbs
2-Butoxyethanol	500 lbs
Ethyl acetate	500 lbs
Methyl Isobutyl Ketone	500 lbs
Methyl Ethyl Ketone	500 lbs
Acetone	500 lbs
Isopropyl Alcohol	500 lbs
Ethanol	500 lbs
Methanol	500 lbs
Xylene	500 lbs
Ethylbenzene	500 lbs

SARA 313 (TRI reporting)

Chemical identity	Reporting threshold for other users	Reporting threshold for manufacturing and processing
Toluene	10000 lbs	25000 lbs.
2-Butoxyethanol	10000 lbs	25000 lbs.
Methyl Isobutyl Ketone	10000 lbs	25000 lbs.
Isopropyl Alcohol	10000 lbs	25000 lbs.

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Methanol	10000 lbs	25000 lbs.
Xylene	10000 lbs	25000 lbs.
Ethylbenzene	10000 lbs	25000 lbs.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

Toluene	Reportable quantity: 1000 lbs.
Xylene	Reportable quantity: 100 lbs.
Ethylbenzene	Reportable quantity: 1000 lbs.

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

None present or none present in regulated quantities.

US state regulations

US. California Proposition 65

WARNING: This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

Toluene	Developmental toxin.
Toluene	Female reproductive toxin.
Methyl Isobutyl Ketone	Carcinogenic.
Ethanol	Carcinogenic.
Ethanol	Carcinogenic.
Ethanol	Developmental toxin.
Methanol	Developmental toxin.
Ethylbenzene	Carcinogenic.

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

Toluene	Listed
2-Butoxyethanol	Listed
Ethyl acetate	Listed
Methyl Isobutyl Ketone	Listed
Methyl Ethyl Ketone	Listed
Acetone	Listed
Isopropyl Alcohol	Listed
Ethanol	Listed
Methanol	Listed
Xylene	Listed
Ethylbenzene	Listed

US. Massachusetts RTK - Substance List

Toluene	Listed
2-Butoxyethanol	Listed
Ethyl acetate	Listed
Methyl Isobutyl Ketone	Listed
Methyl Ethyl Ketone	Listed
Acetone	Listed
Ethanol	Listed
Methanol	Listed
Xylene	Listed
Ethylbenzene	Listed

US. Pennsylvania RTK - Hazardous Substances

Toluene	Listed
2-Butoxyethanol	Listed
Ethyl acetate	Listed
Methyl Isobutyl Ketone	Listed
Methyl Ethyl Ketone	Listed
Acetone	Listed
Ethanol	Listed
Methanol	Listed
Xylene	Listed
Ethylbenzene	Listed

US. Rhode Island RTK

Toluene	Listed
2-Butoxyethanol	Listed
Ethyl acetate	Listed
Methyl Isobutyl Ketone	Listed
Methyl Ethyl Ketone	Listed

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Acetone	Listed
Ethanol	Listed
Methanol	Listed
Xylene	Listed
Ethylbenzene	Listed

Inventory Status: Australia AICS:	Not in compliance with the inventory.
Canada DSL Inventory List:	Not in compliance with the inventory.
EU EINECS List:	Not in compliance with the inventory.
EU ELINCS List:	Not in compliance with the inventory.
Japan (ENCS) List:	Not in compliance with the inventory.
EU No Longer Polymers List:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.
Canada NDSL Inventory:	Not in compliance with the inventory.
Philippines PICCS:	Not in compliance with the inventory.
US TSCA Inventory:	On or in compliance with the inventory
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.
Japan ISHL Listing:	Not in compliance with the inventory.
Japan Pharmacopoeia Listing:	Not in compliance with the inventory.

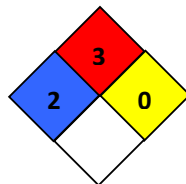
16.Other information, including date of preparation or last revision

HMIS Hazard ID

Health		3
Flammability		3
Physical hazards		
PERSONAL PROTECTION		

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *Chronic health effect

NFPA Hazard ID



	Flammability
	Health
	Reactivity
	Special hazard.

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

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Issue date:	07/12/2016
Revision date:	No data available.
Version #:	1.2
Further information:	No data available.

Univar USA Inc Safety Data Sheet

For Additional Information contact SDS Coordinator during business hours, Pacific time: (425) 889-3400

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