Revision Date: 06/30/2021

SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

1. Identification

Product identifier: NON-CHLORINATED BRAKE CLEANER

Other means of identification

SDS number: RE1000039886

Recommended restrictions
Recommended use: Cleaner
Restrictions on use: Not known.

Manufacturer/Importer/Distributor Information

Manufacturer

Company Name: The Penray Companies, Inc. Address: 2651 Warrenville Rd., Ste. 300

Downers Grove, IL 60515

US

Telephone: 800-373-6729

Emergency telephone number: 1-800-424-9300

2. Hazard(s) identification

Hazard Classification

Physical Hazards

Flammable aerosol Category 1

Health Hazards

Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2A
Carcinogenicity Category 2
Toxic to reproduction Category 2
Specific Target Organ Toxicity - Category 3
Single Exposure (Narcotic effect.)
Specific Target Organ Toxicity - Category 2

Repeated Exposure

Aspiration Hazard Category 1

Environmental Hazards

Acute hazards to the aquatic Category 2 environment

Label Elements

Hazard Symbol:



Signal Word: Danger

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Hazard Statement: Extremely flammable aerosol.

Causes skin irritation.

Causes serious eye irritation. Suspected of causing cancer.

Suspected of damaging fertility or the unborn child.

May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

May be fatal if swallowed and enters airways.

Toxic to aquatic life.

Precautionary Statements

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid

release to the environment.

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

breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water If skin irritation occurs: Get medical advice/attention. IF SWALLOWED: Immediately call a POISON CENTER/doctor Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell. Specific

treatment (see on this label). Take off contaminated clothing.

Storage: Protect from sunlight. Do not expose to temperatures exceeding

50°C/122°F. Store locked up. Store in a well-ventilated place. Keep

container tightly closed.

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.

Hazard(s) not otherwise classified (HNOC):

None.

3. Composition/information on ingredients

Mixtures

Chemical Identity	CAS number	Content in percent (%)*
2-Propanone	67-64-1	50 - <100%
Naphtha (petroleum), hydrotreated light	64742-49-0	10 - <25%
Heptane	142-82-5	5 - <10%
Benzene, dimethyl-	1330-20-7	5 - <10%
Carbon dioxide	124-38-9	5 - <10%
Benzene, ethyl-	100-41-4	1 - <5%
Cyclohexane, methyl-	108-87-2	1 - <5%
Benzene, methyl-	108-88-3	0.1 - <1%

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

The exact concentration has been withheld as a trade secret.

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4. First-aid measures

Description of necessary first-aid measures

Inhalation: Move to fresh air.

Skin Contact: Immediately flush with plenty of water for at least 15 minutes while

removing contaminated clothing and shoes. Wash contaminated

clothing before reuse. Get medical attention.

Eye contact: Immediately flush with plenty of water for at least 15 minutes. If easy

to do, remove contact lenses. Get medical attention.

Ingestion: Call a physician or poison control center immediately. Rinse mouth.

Never give liquid to an unconscious person. If vomiting occurs, keep

head low so that stomach content doesn't get into the lungs.

Personal Protection for First-

aid Responders:

Firefighters must use standard protective equipment including flame

retardant coat, helmet with face shield, gloves, rubber boots, and in

enclosed spaces, SCBA.

Most important symptoms/effects, acute and delayed

Symptoms: No data available.

Hazards: 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. 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 fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing

media:

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

Specific hazards arising from

the chemical:

Vapors may travel considerable distance to a source of ignition and flash

back.

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.

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6. Accidental release measures

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 SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

Accidental release measures:

Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.

Methods and material for containment and cleaning up:

Absorb spill with vermiculite or other inert material, then place in a container

for chemical waste.

Environmental Precautions: Avoid release to the environment. Prevent further leakage or spillage if safe

to do so. Do not contaminate water sources or sewer.

7. Handling and storage

Handling

Technical measures (e.g. Local and general ventilation):

No data available.

Safe handling advice: Do not handle until all safety precautions have been read and understood.

Obtain special instructions before use. Use personal protective equipment as required. Avoid contact with eyes. Wash hands thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after

use. Avoid contact with skin.

Contact avoidance measures: No data available.

Storage

Safe storage conditions: Store locked up. Pressurized container: protect from sunlight and do not

expose to temperatures exceeding 50°C. Do not pierce or burn, even after

use. Aerosol Level 3

Safe packaging materials: No data available.

Storage Temperature: No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	Туре	Exposure Li	mit Values	Source
2-Propanone	STEL	1,000 ppm	2,400 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	PEL	1,000 ppm	2,400 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR
				1910.1000), as amended
	TWA	250 ppm		US. ACGIH Threshold Limit Values, as amended
	TWA	750 ppm	1,800 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	500 ppm		US. ACGIH Threshold Limit Values, as amended
	REL	250 ppm	590 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Naphtha (petroleum), hydrotreated light	REL	100 ppm	400 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA	100 ppm	400 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended

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	PEL	100 ppm	400 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR
				1910.1000), as amended
Heptane	TWA	400 ppm	1,600 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	REL	85 ppm	350 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	500 ppm	2,000 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	STEL	500 ppm	2,000 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	400 ppm	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	US. ACGIH Threshold Limit Values, as amended
	STEL	500 ppm		US. ACGIH Threshold Limit Values, as amended
	Ceil_	440 ppm	1,800 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as
	Time			amended
Benzene, dimethyl-	TWA	100 ppm	435 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	100 ppm	405	US. ACGIH Threshold Limit Values, as amended
	PEL	100 ppm	435 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	STEL	150 ppm	655 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	150 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL	150 ppm	655 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	REL	100 ppm	435 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Carbon dioxide	TWA	5,000 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL	30,000 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL	30,000 ppm	54,000 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	REL	5,000 ppm	9,000 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	5,000 ppm	9,000 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	10,000 ppm	18,000 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	30,000 ppm	54,000 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Benzene, ethyl-	STEL	125 ppm	545 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as
			•	amended
	REL	100 ppm	435 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	100 ppm	435 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR
	1	100 ppiii	3	
				1910.1000), as amended
	STEL	125 ppm	545 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL TWA	125 ppm 100 ppm		1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Cyclohexane, methyl-	STEL	125 ppm	545 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR
Cyclohexane, methyl-	STEL TWA TWA PEL	125 ppm 100 ppm 20 ppm 500 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
Cyclohexane, methyl-	STEL TWA TWA PEL	125 ppm 100 ppm 20 ppm 500 ppm	545 mg/m3 435 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Cyclohexane, methyl-	STEL TWA TWA PEL	125 ppm 100 ppm 20 ppm 500 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as
	STEL TWA TWA PEL TWA TWA REL	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Cyclohexane, methyl- Benzene, methyl-	STEL TWA TWA PEL TWA TWA REL STEL	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 560 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL TWA TWA PEL TWA TWA REL	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	STEL TWA TWA PEL TWA TWA REL STEL	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 560 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	STEL TWA TWA PEL TWA TWA REL STEL REL TWA Ceiling	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 100 ppm 300 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 560 mg/m3 375 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL TWA TWA PEL TWA TWA REL STEL REL TWA Ceiling TWA	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 100 ppm 300 ppm 20 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 560 mg/m3 375 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
	STEL TWA TWA PEL TWA TWA REL STEL REL TWA Ceiling TWA TWA	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 100 ppm 300 ppm 20 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 560 mg/m3 375 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
	STEL TWA TWA PEL TWA TWA REL STEL REL TWA Ceiling TWA TWA MAX.	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 100 ppm 300 ppm 20 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 560 mg/m3 375 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
	STEL TWA TWA PEL TWA TWA REL STEL REL TWA Ceiling TWA TWA	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 100 ppm 300 ppm 20 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 560 mg/m3 375 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
Benzene, methyl-	STEL TWA TWA PEL TWA TWA REL STEL REL TWA Ceiling TWA TWA MAX. CONC STEL	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 20 ppm 200 ppm 500 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 560 mg/m3 375 mg/m3 375 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
	STEL TWA TWA PEL TWA TWA REL STEL REL TWA Ceiling TWA TWA MAX. CONC STEL TWA	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 100 ppm 20 ppm 200 ppm 500 ppm 500 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 560 mg/m3 375 mg/m3 375 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Benzene, methyl-	STEL TWA TWA PEL TWA TWA REL STEL REL TWA Ceiling TWA TWA MAX. CONC STEL TWA PEL	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 20 ppm 200 ppm 500 ppm 500 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 375 mg/m3 375 mg/m3 375 mg/m3 180 mg/m3 1,800 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-I (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Benzene, methyl-	STEL TWA TWA PEL TWA TWA REL STEL REL TWA Ceiling TWA TWA MAX. CONC STEL TWA PEL TWA REL	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 20 ppm 100 ppm 100 ppm 300 ppm 20 ppm 20 ppm 500 ppm 500 ppm 500 ppm 500 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 560 mg/m3 375 mg/m3 375 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-1 (29 CFR 1910.1000), as amended US. OSHA Table Z-1 (29 CFR 1910.1000), as amended US. OSHA Table Z-1 (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-Limits for Air Contaminants (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Benzene, methyl- Hexane	STEL TWA TWA PEL TWA TWA REL STEL REL TWA Ceiling TWA TWA MAX. CONC STEL TWA PEL TWA PEL TWA	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 20 ppm 100 ppm 300 ppm 20 ppm 20 ppm 500 ppm 500 ppm 500 ppm 500 ppm 500 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 375 mg/m3 375 mg/m3 375 mg/m3 180 mg/m3 1,800 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-1 Limits Values, as amended US. OSHA Table Z-1-I (29 CFR 1910.1000), as amended US. OSHA Table Z-1-I (29 CFR 1910.1000), as amended US. OSHA Table Z-1-I Limits for Air Contaminants (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Benzene, methyl-	STEL TWA TWA PEL TWA TWA REL STEL REL TWA Ceiling TWA TWA MAX. CONC STEL TWA PEL TWA PEL TWA PEL TWA	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 150 ppm 20 ppm 20 ppm 500 ppm 500 ppm 500 ppm 500 ppm 500 ppm 500 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 375 mg/m3 375 mg/m3 375 mg/m3 180 mg/m3 1,800 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-1 (29 CFR 1910.1000), as amended US. OSHA Table Z-1 (29 CFR 1910.1000), as amended US. OSHA Table Z-1 (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. ACGIH Threshold Limit Values, as amended US. ACGIH Threshold Limit Values, as amended
Benzene, methyl- Hexane	STEL TWA TWA PEL TWA REL STEL REL TWA Ceiling TWA TWA MAX. CONC STEL TWA PEL TWA PEL TWA	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 150 ppm 20 ppm 500 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 560 mg/m3 375 mg/m3 375 mg/m3 180 mg/m3 1,800 mg/m3 1,050 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Benzene, methyl- Hexane	STEL TWA TWA PEL TWA REL STEL REL TWA Ceiling TWA TWA MAX. CONC STEL TWA PEL TWA REL TWA REL REL TWA REL	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 100 ppm 20 ppm 500 ppm 300 ppm 300 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 375 mg/m3 375 mg/m3 375 mg/m3 180 mg/m3 1,800 mg/m3 1,050 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-1 (29 CFR 1910.1000), as amended US. OSHA Table Z-1 (29 CFR 1910.1000), as amended US. OSHA Table Z-1 (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Benzene, methyl- Hexane	STEL TWA TWA PEL TWA TWA REL STEL REL TWA Ceiling TWA TWA MAX. CONC STEL TWA PEL TWA PEL TWA PEL PEL	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 100 ppm 20 ppm 500 ppm 300 ppm 300 ppm 300 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 560 mg/m3 375 mg/m3 375 mg/m3 180 mg/m3 1,800 mg/m3 1,050 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-Limits for Air Contaminants (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. ACGIH Threshold Limit Values, as amended US. ACGIH Threshold Limit Values, as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Benzene, methyl- Hexane	STEL TWA TWA PEL TWA REL STEL REL TWA Ceiling TWA TWA MAX. CONC STEL TWA PEL TWA REL TWA REL REL TWA REL	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 100 ppm 20 ppm 500 ppm 300 ppm 300 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 375 mg/m3 375 mg/m3 375 mg/m3 180 mg/m3 1,800 mg/m3 1,050 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-I Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
Benzene, methyl- Hexane Cyclohexane	STEL TWA TWA PEL TWA TWA REL STEL REL TWA Ceiling TWA TWA MAX. CONC STEL TWA PEL TWA PEL REL TWA PEL REL TWA PEL REL TWA REL TWA	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 20 ppm 100 ppm 500 ppm 100 ppm 100 ppm 100 ppm 100 ppm 100 ppm 100 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 375 mg/m3 375 mg/m3 375 mg/m3 180 mg/m3 1,800 mg/m3 1,050 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. ACGIH Threshold Limit Values, as amended US. ACGIH Threshold Limit Values, as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Benzene, methyl- Hexane Cyclohexane	STEL TWA TWA PEL TWA REL STEL REL TWA Ceiling TWA TWA MAX. CONC STEL TWA PEL TWA PEL TWA PEL TWA PEL TWA PEL TWA PEL TWA TWA REL TWA TWA TWA TWA TWA TWA TWA CONC STEL TWA TWA TWA TWA TWA TWA TWA CEIL TWA TWA TWA TWA TWA CEIL	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 20 ppm 100 ppm 20 ppm 500 ppm 100 ppm 100 ppm 100 ppm 500 ppm 100 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 375 mg/m3 375 mg/m3 375 mg/m3 180 mg/m3 1,800 mg/m3 1,050 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-1 (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. ACGIH Threshold Limit Values, as amended US. ACGIH Threshold Limit Values, as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Benzene, methyl- Hexane Cyclohexane	STEL TWA TWA PEL TWA TWA REL STEL REL TWA Ceiling TWA TWA MAX. CONC STEL TWA PEL TWA PEL REL TWA PEL REL TWA PEL REL TWA REL TWA	125 ppm 100 ppm 20 ppm 500 ppm 400 ppm 400 ppm 400 ppm 150 ppm 100 ppm 20 ppm 100 ppm 500 ppm 100 ppm 100 ppm 100 ppm 100 ppm 100 ppm 100 ppm	545 mg/m3 435 mg/m3 2,000 mg/m3 1,600 mg/m3 1,600 mg/m3 375 mg/m3 375 mg/m3 375 mg/m3 180 mg/m3 1,800 mg/m3 1,050 mg/m3	1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. ACGIH Threshold Limit Values, as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-2 (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1- Limits for Air Contaminants (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended US. OSHA Table Z-1-I Limits for Air Contaminants (29 CFR 1910.1000), as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards, as amended

Revision Date: 06/30/2021

STEL	5 ppm	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended
OSHA _ ACT	0.5 ppm	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended
TWA	10 ppm	US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
MAX. CONC	50 ppm	US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
STEL	5 ppm	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
TWA	1 ppm	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended
STEL	1 ppm	US. NIOSH: Pocket Guide to Chemical Hazards, as amended

Biological Limit Values

Chemical Identity	Exposure Limit Values	Source
2-Propanone (acetone: Sampling time: End of shift.)	25 mg/l (Urine)	ACGIH BEL
Benzene, dimethyl- (Methylhippuric acids: Sampling time: End of shift.)	1.5 g/g (Creatinine in urine)	ACGIH BEL
Benzene, ethyl- (Sum of mandelic acid and phenylglyoxylic acid: Sampling time: End of shift.)	0.15 g/g (Creatinine in urine)	ACGIH BEL
Benzene, methyl- (toluene: Sampling time: End of shift.)	0.03 mg/l (Urine)	ACGIH BEL
Benzene, methyl- (o-Cresol, with hydrolysis: Sampling time: End of shift.)	0.3 mg/g (Creatinine in urine)	ACGIH BEL
Benzene, methyl- (toluene: Sampling time: Prior to last shift of work week.)	0.02 mg/l (Blood)	ACGIH BEL
Hexane (2,5-Hexanedion, without hydrolysis: Sampling time: End of shift.)	0.5 mg/l (Urine)	ACGIH BEL
Benzene (S-Phenylmercapturic acid: Sampling time: End of shift.)	25 μg/g (Creatinine in urine)	ACGIH BEL
Benzene (t,t-Muconic acid: Sampling time: End of shift.)	500 μg/g (Creatinine in urine)	ACGIH BEL

Exposure guidelines

Hexane	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.
Benzene	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.

Appropriate Engineering

Controls

No data available.

Individual protection measures, such as personal protective equipment

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

Skin Protection

Hand Protection: No data available.

Skin and Body Protection: 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: 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

Appearance

Physical state: liquid

Form: Spray Aerosol
Color: No data available.
Odor: No data available.
Odor Threshold: No data available.
pH: No data available.
Freezing point: No data available.

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Boiling Point: Estimated 56 °C
Flash Point: Estimated -17 °C
Evaporation Rate: No data available.
Flammability (solid, gas): No data available.
Explosive limit - upper (%): No data available.
Explosive limit - lower (%): No data available.

Vapor pressure: 4,826 - 6,205 hPa (20 °C)

Vapor density (air=1): No data available. Density: No data available. Relative density: No data available. Solubility in Water: No data available. Solubility (other): No data available. Partition coefficient (n-octanol/water): No data available. **Self Ignition Temperature:** No data available. **Decomposition Temperature:** No data available. **Kinematic viscosity:** No data available. Dynamic viscosity: No data available. **Explosive properties:** No data available. Oxidizing properties: 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: Avoid heat or contamination.

Incompatible Materials: No data available.

Hazardous Decomposition

Products:

No data available.

11. Toxicological information

Information on likely routes of exposure

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

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Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product: Not classified for acute toxicity based on available data.

Dermal

Product: ATEmix: 24,875.62 mg/kg

Inhalation

Product: ATEmix: 169.6 mg/l Vapour

Repeated dose toxicity

Product: No data available.

Components:

2-Propanone NOAEL (Rat(Male), Oral, 13 Weeks): 10,000 ppm(m) Oral Experimental

result, Key study

Naphtha (petroleum), NOAEL (Rat(Female, Male), Inhalation): 10,000 mg/m3 Inhalation

hydrotreated light Experimental result, Key study

LOAEL (Rat(Female, Male), Oral, 13 Weeks): 1,250 mg/kg Oral Readacross based on grouping of substances (category approach), Key study

NOAEL (Rat(Female, Male), Dermal, 28 d): > 375 mg/kg Dermal

Experimental result, Supporting study

Heptane NOAEL (Rat(Male), Inhalation): 12,470 mg/m3 Inhalation Experimental

result, Key study

Benzene, dimethyl- NOAEL (Rat(Female), Oral, 90 d): 150 mg/kg Oral Experimental result, Key

study

Benzene, ethyl- NOAEL (Mouse(Female, Male), Inhalation, 104 Weeks): 75 ppm(m)

Inhalation Experimental result, Key study

NOAEL (Rat(Female, Male), Oral, 28 d): 75 mg/kg Oral Experimental result,

Key study

Cyclohexane, methyl- NOAEL (Rat(Female, Male), Inhalation): 1,600 mg/m3 Inhalation

Experimental result, Key study

LOAEL (Rat(Female, Male), Oral, 28 d): 1,000 mg/kg Oral Experimental

result, Key study

NOAEL (Rat(Female, Male), Oral, 28 d): 250 mg/kg Oral Experimental

result, Key study

Benzene, methyl- LOAEL (Rat(Female, Male), Oral, 13 Weeks): 1,250 mg/kg (Target

Organ(s): Liver, Kidney) Oral Experimental result, Key study NOAEL (Rat(Female, Male), Inhalation): 625 ppm(m) Inhalation

Experimental result, Key study

NOAEL (Rat(Female, Male), Inhalation - vapor): 2,355 mg/l Inhalation

Experimental result, Key study

Skin Corrosion/Irritation

Product: No data available.

Components:

2-Propanone in vivo (Rabbit): Not irritant
Naphtha (petroleum), In vitro (Human): not corrosive

hydrotreated light

Heptane in vivo (Rabbit): Irritating

Benzene, dimethyl- in vivo (Rabbit): Moderate irritant

estimated Irritating.

Cyclohexane, methyl- estimated Irritating.
Benzene, methyl- in vivo (Rabbit): Irritating

Serious Eye Damage/Eye Irritation

Product: No data available.

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Components:

2-Propanone Irritating.

Rabbit, 24 hrs: Minimum grade of severe eye irritant

Naphtha (petroleum),

hydrotreated light

Heptane Rabbit, 24 - 72 hrs: Not irritating

Benzene, dimethyl-Rabbit, 1 hrs: Slightly irritating (Not Classified)

Rabbit, 0.5 - 168 hrs: Not irritating Cyclohexane, methyl-Benzene, methyl-Rabbit, 24 - 72 hrs: Not irritating

Respiratory or Skin Sensitization

Product: No data available.

Components:

2-Propanone Skin sensitization:, in vivo (Guinea pig): Non sensitising Naphtha (petroleum), Skin sensitization:, in vivo (Guinea pig): Non sensitising

Rabbit, 24 - 72 hrs: Not irritating

hydrotreated light

Heptane Skin sensitization:, in vivo (Guinea pig): Non sensitising Benzene, ethyl-Skin sensitization:, in vivo (Human): Non sensitising Cyclohexane, methyl-Skin sensitization:, in vivo (Guinea pig): Non sensitising Benzene, methyl-Skin sensitization:, in vivo (Guinea pig): Non sensitising

Carcinogenicity

Product: No data available.

Components:

Cyclohexane, methyl-May cause cancer.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

Benzene, ethyl-Overall evaluation: 2B. Possibly carcinogenic to humans.

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

Overall evaluation: 2B. Possibly carcinogenic to humans. Benzene, ethyl-

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

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Components:

Suspected of damaging fertility or the unborn child. Benzene, methyl-

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Components:

2-Propanone Inhalation - vapor: Narcotic effect. - Category 3 with narcotic effects.

Heptane Narcotic effect. - Category 3 with narcotic effects.

Inhalation - vapor: Narcotic effect. - Category 3 with narcotic effects. Cyclohexane, methyl-Benzene, methyl-Inhalation - vapor: Narcotic effect. - Category 3 with narcotic effects.

Specific Target Organ Toxicity - Repeated Exposure

No data available. **Product:**

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Components:

Benzene, ethylCyclohexane, methylBenzene, methylCategory 2
Category 2

Target Organs

Specific Target Organ Toxicity - Single Exposure: Narcotic effect.

Aspiration Hazard

Product: No data available.

Components:

Naphtha (petroleum),

May be fatal if swallowed and enters airways.

hydrotreated light

Heptane May be fatal if swallowed and enters airways.
Benzene, ethylCyclohexane, methylBenzene, methylMay be fatal if swallowed and enters airways.
May be fatal if swallowed and enters airways.
May be fatal if swallowed and enters airways.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Components:

2-Propanone LC 50 (Oncorhynchus mykiss, 96 h): 5,540 mg/l Experimental result, Key

study

Naphtha (petroleum),

hydrotreated light

LC 50 (96 h): 8.41 mg/l Experimental result, Key study

Benzene, ethyl- LC 50 (Fathead minnow (Pimephales promelas), 96 h): 38.9 - 62.83 mg/l

Mortality

Cyclohexane, methyl- LC 50 (Oryzias latipes, 96 h): 2.07 mg/l Experimental result, Key study

Benzene, methyl- LC 50 (Oncorhynchus kisutch, 96 h): 5.5 mg/l Experimental result, Key study

Aquatic Invertebrates

Product: No data available.

Components:

2-Propanone LC 50 (Daphnia pulex, 48 h): 8,800 mg/l Experimental result, Key study

Naphtha (petroleum),

hydrotreated light

EC 50 (Daphnia magna, 48 h): 4.5 mg/l Experimental result, Key study

Benzene, ethyl- LC 50 (Water flea (Daphnia magna), 24 h): 57 - 100 mg/l Mortality

Benzene, methyl- LC 50 (Water flea (Daphnia magna), 48 h): 54.6 - 174.7 mg/l Mortality

LC 50 (Ceriodaphnia dubia, 2 d): 3.78 mg/l Experimental result, Key study

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

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Components:

Naphtha (petroleum), hydrotreated light

NOAEL (Daphnia magna): 2.6 mg/l Other, Key study

Benzene, methyl- NOAEL (Oncorhynchus kisutch): 1.39 mg/l Experimental result, Key study

LOAEL (Oncorhynchus kisutch): 2.77 mg/l Experimental result, Key study

Aquatic Invertebrates

Product:

No data available.

Components:

2-Propanone LOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study

NOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study

Naphtha (petroleum), hydrotreated light

EC 50 (Daphnia magna): 10 mg/l Experimental result, Key study

Benzene, ethyl- LC 50 (Ceriodaphnia dubia): 3.2 mg/l Other, Key study

NOAEL (Ceriodaphnia dubia): 1 mg/l Other, Key study

Benzene, methyl- LOAEL (Ceriodaphnia dubia): 2.76 mg/l Experimental result, Key study

NOAEL (Ceriodaphnia dubia): 0.74 mg/l Experimental result, Key study

Toxicity to Aquatic Plants

Product:

No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

Components:

2-Propanone 90.9 % (28 d) Detected in water. Experimental result, Key study

Naphtha (petroleum),

95 % (10 d) The 10-day window requirement is fulfilled.

hydrotreated light 90.35 % (28 d) Detected in water. Experimental result, Supporting study

Benzene, dimethyl- 87.8 % Detected in water. Read-across from supporting substance

(structural analogue or surrogate), Key study

Benzene, ethyl- 2.7 % Detected in water. Other, Supporting study

70 - 80 % (28 d) Detected in water. Experimental result, Key study

Cyclohexane, methyl- > 0 % (28 d) Detected in water. Experimental result, Weight of Evidence

study

> 0 % (28 d) Detected in water. Experimental result, Weight of Evidence

study

Benzene, methyl- 100 % (14 d) Detected in water. Experimental result, Weight of Evidence

study

86 % Detected in water. Experimental result, Weight of Evidence study

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Components:

2-Propanone Haddock, adult, Bioconcentration Factor (BCF): 0.69 Aquatic sediment

Experimental result, Not specified

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Naphtha (petroleum), hydrotreated light

Bioconcentration Factor (BCF): 10 - 2,500 Aquatic sediment Estimated by

calculation, Key study

Benzene, dimethyl- Oncorhynchus mykiss, Bioconcentration Factor (BCF): > 7.6 - < 21.6 Aquatic

sediment Experimental result, Key study

Benzene, ethyl- Carassius auratus, Bioconcentration Factor (BCF): 15.5 Aquatic sediment

Other, Supporting study

Cyclohexane, methyl- Cyprinus carpio, Bioconcentration Factor (BCF): > 95 - < 321 Aquatic

sediment Experimental result, Key study

Benzene, methyl- Leuciscus idus, Bioconcentration Factor (BCF): 90 Aquatic sediment

Experimental result, Key study

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Components:

Naphtha (petroleum), hydrotreated light

Log Kow: > 2.4 - < 5.7 23 °C Yes Experimental result, Key study

Benzene, dimethyl- Log Kow: 2.77 - 3.15 No Not specified, Not specified

Benzene, ethyl- Log Kow: 3.13 - 3.14 No Other, Supporting study

Mobility in soil: No data available.

Components:

2-Propanone No data available. Naphtha (petroleum), hydrotreated light No data available. Heptane No data available. Benzene, dimethyl-No data available. Carbon dioxide No data available. Benzene, ethyl-No data available. Cyclohexane, methyl-No data available. Benzene, methyl-No data available.

Other adverse effects: Toxic to aquatic organisms.

13. Disposal considerations

Disposal instructions: Discharge, treatment, or disposal may be subject to national, state, or local

laws.

Contaminated Packaging: No data available.

14. Transport information

DOT

UN Number: UN 1950

UN Proper Shipping Name: Aerosols, flammable

Transport Hazard Class(es)

Class: 2.1 Label(s): -

EmS No.:

Packing Group: -

Special precautions for user: Not regulated.

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IATA

UN Number: UN 1950

UN Proper Shipping Name: Aerosols, flammable

Transport Hazard Class(es):

Class: 2.1
Label(s): Packing Group: -

Special precautions for user: Not regulated.

Other information

Passenger and cargo aircraft: Allowed. 203 Cargo aircraft only: Allowed. 203

IMDG

UN Number: UN 1950

UN Proper Shipping Name: Aerosols, flammable

Transport Hazard Class(es)

Class: 2.1 Label(s): -

EmS No.:

Packing Group: -

Special precautions for user: Not regulated.

15. Regulatory information

US Federal Regulations

Restrictions on use: Not known.

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

US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

<u>Chemical Identity</u> <u>OSHA hazard(s)</u>

Benzene Flammability Cancer

Aspiration Eye Blood Skin

respiratory tract irritation Central nervous system

CERCLA Hazardous Substance List (40 CFR 302.4):

Chemical Identity

ACETONE

UNLISTED HAZARDOUS WASTES CHARACTERISTIC OF IGNITABILITY

XYLENE (MIXED) ETHYLBENZENE

BENZENE, METHYL-

HEXANE

CYCLOHEXANE

BENZENE, HEXAHYDRO-

BENZENE

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Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Flammable aerosol, Skin Corrosion/Irritation, Serious Eye Damage/Eye Irritation, Carcinogenicity, Toxic to reproduction, Specific Target Organ Toxicity - Single Exposure, Specific Target Organ Toxicity - Repeated Exposure, Aspiration Hazard

US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

Chemical Identity % by weight

Benzene, dimethyl- 1.0% Benzene, ethyl- 0.1%

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

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

US State Regulations

US. California Proposition 65

For more information go to www.P65Warnings.ca.gov.

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

2-Propanone

Naphtha (petroleum), hydrotreated light

Heptane

Benzene, dimethyl-

Carbon dioxide

Benzene, ethyl-

Cyclohexane, methyl-

US. Massachusetts RTK - Substance List

Chemical Identity

Benzene

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity

2-Propanone

Naphtha (petroleum), hydrotreated light

Heptane

Benzene, dimethyl-

Carbon dioxide

Benzene, ethyl-

Cyclohexane, methyl-

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

International regulations

Montreal protocol

2-Propanone

Stockholm convention

2-Propanone

Rotterdam convention

2-Propanone

Revision Date: 06/30/2021

Kyoto protocol

Inventory Status:

Australia AICS On or in compliance with the inventory

Canada DSL Inventory List On or in compliance with the inventory

Canada NDSL Inventory Not in compliance with the inventory.

Ontario Inventory

On or in compliance with the inventory

China Inv. Existing Chemical Substances

On or in compliance with the inventory

Japan (ENCS) List On or in compliance with the inventory

Japan ISHL Listing On or in compliance with the inventory

Japan Pharmacopoeia Listing

Not in compliance with the inventory.

Korea Existing Chemicals Inv. (KECI)

On or in compliance with the inventory

Mexico INSQ On or in compliance with the inventory

New Zealand Inventory of Chemicals

On or in compliance with the inventory

Philippines PICCS On or in compliance with the inventory

Taiwan Chemical Substance Inventory

On or in compliance with the inventory

US TSCA Inventory On or in compliance with the inventory

EINECS, ELINCS or NLP Not in compliance with the inventory.

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

Issue Date: 06/30/2021

Revision Information: No data available.

Version #: 1.0

Further Information: No data available.

Disclaimer: This information is provided without warranty. The information is believed to

be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.