Safety Data Sheet

Issue date 13-Jul-2018 **Revision date** 02-Oct-2019 **Revision Number** 3

1. IDENTIFICATION

Product identification

Product identifier	Kent® Fast Drying Non-Chlorinated Brake Parts Cleaner
Other means of identification	KT14666
Recommended use	Cleaner, Solvent
Restrictions on use	Not available

Supplier

Corporate Headquarters:
Kent Automotive
8770 W. Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
(888)-937-5368

Canadian Distribution Center:
Lawson Canada
7315 Rapistan Court
Mississauga, ON L5N 5Z4
(800) 323-5922

24 Hour Emergency Phone Number (888) 426-4851 (Prosar)

Website https://www.lawsonproducts.com

2. HAZARD(S) IDENTIFICATION

Hazard Classification .

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3
Aspiration toxicity	Category 1
Flammable liquids	Category 2

Symbol

Signal word DANGER

Hazard statements

H225 - Highly flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness

Precautionary statements

General

P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children
P103 - Read label before use.

Prevention

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P264 - Wash hands thoroughly after handling
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves/protective clothing and eye/face protection

Response

General

P312 - Call a POISON CENTER or doctor if you feel unwell
P321 - Specific treatment (see supplemental first aid instructions on this label)

Eyes

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention

Skin

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse

Inhalation

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell

Ingestion

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P331 - Do NOT induce vomiting

Fire

P370 + P378 - In case of fire: Use carbon dioxide to extinguish

Spill

Not available

Storage

P403 + P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up
P233 - Keep container tightly closed

Disposal

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

Hazard(s) Not Otherwise Classified (HNOC)

None known.

Physical Hazards Not Otherwise Classified (PHNOC) None known.

Unknown acute toxicity Not available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition Mixture.

Chemical name	CAS-No	Weight %
Acetone	67-64-1	50-75
Naphtha, petroleum, hydrotreated light	64742-49-0	25-50
Toluene	108-88-3	<1
Naphthalene	91-20-3	<1
Ethyl benzene	100-41-4	<1
Cumene	98-82-8	<1
Benzene	71-43-2	<1

4. FIRST-AID MEASURES

Necessary first-aid measures

Inhalation Rescuers should put on appropriate protective gear. Remove from exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep warm and quiet. Seek medical attention immediately. Keep head below hips to prevent aspiration into the lungs.

Ingestion Wash out mouth with water. Do not induce vomiting without medical advice. Do not give liquids. Seek medical attention immediately.

Skin contact Remove contaminated clothing and footwear. Wash off immediately with soap and plenty of water. Seek medical attention immediately. Wash clothing separately and clean shoes before reuse.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Seek medical attention IMMEDIATELY.

Most important symptoms (acute) Not available.

Most important symptoms (over-exposure) Not available.

Indication of any immediate medical attention and special treatment needed Not available.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Dry Chemical, Carbon Dioxide, Foam or Water Fog.

Unsuitable extinguishing media Avoid directing water stream directly into flame; it may cause frothing with subsequent spread of flame.

Specific hazards

Flammable liquid and vapor. Vapors or dust may cause flash fire or explosion. Vapors can travel to a source of ignition and flash back. Empty containers contain residue and/or vapors. Do not weld, cut, pressurize, braze, solder, drill, grind, or expose such containers to heat, sparks, flame, static electricity, or other sources of ignition. They may explode and cause injury or death. Do Not reuse empty containers without commercial cleaning or reconditioning. Closed containers can explode due to buildup of pressure when exposed to extreme heat.

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Avoid directing water stream directly into flame; it may cause frothing with subsequent spread of flame. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Use water spray to keep fire-exposed containers cool. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear personal protective clothing and equipment, see section 8. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep people away from and upwind of spill/leak. Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. Avoid run-off into storm sewers and ditches which lead to waterways. Ventilate the area.

Methods and materials for containment and cleaning up

If leak or spill has not ignited, use water spray to disperse the vapors. Collect spillage. Use clean non-sparking tools to collect absorbed material. Absorb with earth, sand, or another dry inert material. Place spilled material in a designated, labeled waste container.

7. HANDLING AND STORAGE

Precautions for safe handling

Use only in a well ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes and clothing. Take precautionary measures against static discharges. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Follow label cautions even after the container is empty since empty containers could retain product residues.

Conditions for safe storage, including any incompatibilities

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Containers can build up pressure if exposed to heat (fire). Keep containers tightly closed in a cool, well-ventilated place. Keep container closed when not in use. Protect from sunlight. Static discharge, materials can accumulate static charges which can cause an incendiary electrical discharge. Material is a static accumulator which has the potential of forming ignitable vapor-air mixtures in storage tanks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Acetone	1000 ppm TWA 2400 mg/m³ TWA	500 ppm STEL 250 ppm TWA	250 ppm TWA 590 mg/m³ TWA
Naphtha, petroleum, hydrotreated light	-	-	-
Toluene	300 ppm Ceiling 200 ppm TWA	20 ppm TWA	150 ppm STEL 560 mg/m³ STEL 100 ppm TWA 375 mg/m³ TWA
Naphthalene	10 ppm TWA 50 mg/m³ TWA	10 ppm TWA Skin	15 ppm STEL 75 mg/m³ STEL 10 ppm TWA 50 mg/m³ TWA
Ethyl benzene	100 ppm TWA 435 mg/m³ TWA	20 ppm TWA	125 ppm STEL 545 mg/m³ STEL

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
			100 ppm TWA 435 mg/m³ TWA
Cumene	Skin 50 ppm TWA 245 mg/m³ TWA	50 ppm TWA	50 ppm TWA 245 mg/m³ TWA
Benzene	25 ppm Ceiling 5 ppm STEL (see 29 CFR 1910.1028) 10 ppm TWA 1 ppm TWA	2.5 ppm STEL 0.5 ppm TWA Skin	1 ppm STEL 0.1 ppm TWA

Appropriate engineering controls

Ensure adequate ventilation. A safety shower and eye wash station should be available for emergency use.

Individual protection measures, such as personal protective equipment

Eye protection

ANSI approved safety glasses or splash goggles with face shield are recommended.

Skin and body protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear protective gear as needed: apron, suit, boots.

Respiratory protection

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended. Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

Hygiene measures

When using, do not eat, drink or smoke. Avoid breathing vapors or mists. Remove and wash contaminated clothing before re-use. Wash hands after handling the product. Wash hands before eating or using the washroom.

Canadian Province Occupational Exposure Limits

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
Acetone	750 ppm STEL 1800 mg/m³ STEL 500 ppm TWA 1200 mg/m³ TWA	500 ppm STEL 250 ppm TWA	250 ppm TWA 500 ppm STEL	750 ppm STEL 1782 mg/m³ STEL 500 ppm TWA 1188 mg/m³ TWA	500 ppm STEL 250 ppm TWA	500 ppm STEL 250 ppm TWA	500 ppm STEL 250 ppm TWA	500 ppm STEL 250 ppm TWA	1000 ppm STEV 2380 mg/m³ STEV 500 ppm TWAEV 1190 mg/m³ TWAEV	750 ppm STEL 500 ppm TWA
Naphtha, petroleum, hydrotreated light	-	-	-	-	-	-	-	-	-	-
Toluene	50 ppm TWA 188 mg/m³ TWA	20 ppm TWA	20 ppm TWA	50 ppm TWA 188 mg/m³ TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	50 ppm TWAEV 188 mg/m³ TWAEV	60 ppm STEL 50 ppm TWA
Naphthalene	15 ppm STEL 79 mg/m³ STEL 10 ppm TWA 52 mg/m³ TWA	10 ppm TWA	10 ppm TWA	15 ppm STEL 79 mg/m³ STEL 10 ppm TWA 52 mg/m³ TWA	10 ppm TWA	10 ppm TWA	10 ppm TWA	10 ppm TWA	15 ppm STEV 79 mg/m³ STEV 10 ppm TWAEV 52 mg/m³ TWAEV	15 ppm STEL 0.6 mg/m³ STEL 10 ppm TWA 0.2 mg/m³ TWA
Ethyl benzene	125 ppm	20 ppm	20 ppm	125 ppm	20 ppm	20 ppm	20 ppm	20 ppm	125 ppm	125 ppm

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
	STEL 543 mg/m³ STEL 100 ppm TWA 434 mg/m³ TWA	TWA	TWA	STEL 543 mg/m³ STEL 100 ppm TWA 434 mg/m³ TWA	TWA	TWA	TWA	TWA	STEV 543 mg/m³ STEV 100 ppm TWAEV 434 mg/m³ TWAEV	STEL 100 ppm TWA
Cumene	50 ppm TWA 246 mg/m³ TWA	75 ppm STEL 25 ppm TWA	50 ppm TWA	50 ppm TWA 246 mg/m³ TWA	50 ppm TWA	50 ppm TWA	50 ppm TWA	50 ppm TWA	50 ppm TWAEV 246 mg/m³ TWAEV	74 ppm STEL 50 ppm TWA
Benzene	2.5 ppm STEL 8 mg/m³ STEL 0.5 ppm TWA 1.6 mg/m³ TWA	2.5 ppm STEL 0.5 ppm TWA	0.5 ppm TWA 2.5 ppm STEL	2.5 ppm STEL 8 mg/m³ STEL 0.5 ppm TWA 1.6 mg/m³ TWA	2.5 ppm STEL 0.5 ppm TWA	2.5 ppm STEL 0.5 ppm TWA	2.5 ppm STEL 0.5 ppm TWA 0.5 ppm TWA	2.5 ppm STEL 0.5 ppm TWA	5 ppm STEV 15.5 mg/m³ STEV 1 ppm TWAEV 3 mg/m³ TWAEV	-

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state Liquid

Color Clear

Odor Typical

Odor threshold Not available

pH Not available

Melting point/range °C Not available

Melting point/range °F Not available

Boiling point/range °C 56 - 153.8 °C

Boiling point/range °F 133 - 309 °F

Flash point °C -17.7

Flash point °F 0

Flash point method used Not available

Evaporation rate Not available

Flammability (Solid, Gas) Not available

Lower explosion limit 1.0 %

Upper explosion limit 12.8 %

Vapor pressure Not available

Vapor density	Not available
Relative density	0.748
Solubility	partly soluble in water
Partition coefficient (n-octanol/water)	Not available
Autoignition temperature °C	Not available
Autoignition temperature °F	Not available
Decomposition temperature °C	Not available
Decomposition temperature °F	Not available
Viscosity	Not available

10. STABILITY AND REACTIVITY

Reactivity	Not available.
Chemical stability	Not available.
Possibility of hazardous reactions	Not available.
Conditions to avoid	Avoid impact, friction. Avoid heat, sparks, and other sources of ignition.
Incompatible materials	Keep separate from alkalis. Incompatible with oxidizing agents. Incompatible with acids. Prevent contact with halogens.
Hazardous decomposition products	During combustion carbon monoxide and/or carbon dioxide may be formed. During combustion asphyxiants may be formed.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Dermal. Inhalation. Ingestion. Eyes.
Symptoms	May cause respiratory irritation. Causes irritation to the mucous membranes. Irritation of the nose or throat. May cause central nervous system depression. Adverse symptoms may include the following:. Nausea. Vomiting. Headache. Fatigue. Drowsiness. Dizziness/vertigo. Unconsciousness. Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Personnel with pre-existing skin disorders should avoid contact with this product. Causes serious eye irritation. May cause tearing of the eye, redness and discomfort. May be fatal if swallowed and enters airways. Aspiration of this material will cause severe lung injury, chemical pneumonitis, pulmonary edema or death. Ingestion may cause nausea or vomiting.
Delayed and immediate effects as well as chronic effects from short and long-term exposure	Overexposure may cause nervous system damage. May cause delayed lung injury. Exposure to high concentrations of this material may be associated with cardiac sensitization. Exposure may damage liver and kidneys. Significant exposure to this chemical may adversely affect people with chronic disease of the respiratory system, skin, and /or eyes. Chronic exposure may result in irritation of mucous membranes, headaches, and symptoms of CNS depression such as drowsiness and lack of concentration.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Acetone	= 50100 mg/m³ (Rat) 8 h	> 15700 mg/kg (Rabbit)	= 5800 mg/kg (Rat)
Naphtha, petroleum, hydrotreated light	= 73680 ppm (Rat) 4 h	> 3160 mg/kg (Rabbit) > 2000 mg/kg (Rabbit)	> 5000 mg/kg (Rat) > 4300 mg/kg (Rat)
Toluene	= 12.5 mg/L (Rat) 4 h	= 12000 mg/kg (Rabbit)	= 2600 mg/kg (Rat)
Naphthalene	> 340 mg/m³ (Rat) 1 h	= 1120 mg/kg (Rabbit) > 20 g/kg (Rabbit)	= 1110 mg/kg (Rat) = 490 mg/kg (Rat)
Ethyl benzene	= 17.4 mg/L (Rat) 4 h > 5.04 mg/L (Rat) 4 h	= 15400 mg/kg (Rabbit) > 2000 mg/kg (Rabbit)	= 3500 mg/kg (Rat) = 4820 mg/kg (Rat)
Cumene	= 39000 mg/m³ (Rat) 4 h > 3577 ppm (Rat) 6 h	= 12300 µL/kg (Rabbit)	= 1400 mg/kg (Rat)
Benzene	= 44.66 mg/L (Rat) 4 h	> 8200 mg/kg (Rabbit)	= 1800 mg/kg (Rat) = 810 mg/kg (Rat)

ATEmix (dermal) Not available

ATEmix (oral) Not available

ATEmix (inhalation-gas) Not available

ATEmix (inhalation-vapor) Not available

ATEmix (inhalation-dust/mist) Not available

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Acetone	A4	-	-	-
Naphtha, petroleum, hydrotreated light	-	Group 3	-	-
Toluene	A4	Group 3	-	-
Naphthalene	A3	Group 2A Group 2B	Listed	Reasonably Anticipated Carcinogen
Ethyl benzene	A3	Group 2B	Listed	-
Cumene	-	Group 2B	Listed	Reasonably Anticipated Carcinogen
Benzene	A1	Group 1	Listed	Known Carcinogen

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Acetone	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Naphtha, petroleum, hydrotreated light	-	-	-	-	-	-
Toluene	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Naphthalene	-	IARC 2B	ACGIH A3	ACGIH A4	ACGIH A3	-

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Ethyl benzene	-	IARC 2B	ACGIH A3	-	ACGIH A3	-
Cumene	-	IARC 2B	-	-	-	-
Benzene	A1 - Confirmed Human Carcinogen	ACGIH A1 IARC 1	ACGIH A1	ACGIH A1	ACGIH A1	C1 carcinogen

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Acetone	-	4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 8300: 96 h Lepomis macrochirus mg/L LC50
Naphtha, petroleum, hydrotreated light	-	258: 96 h Salmo gairdneri mg/L LC50 static
Toluene	433: 96 h Pseudokirchneriella subcapitata mg/L EC50 12.5: 72 h Pseudokirchneriella subcapitata mg/L EC50 static	15.22 - 19.05: 96 h Pimephales promelas mg/L LC50 flow-through 54: 96 h Oryzias latipes mg/L LC50 static 12.6: 96 h Pimephales promelas mg/L LC50 static 5.89 - 7.81: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 5.8: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 11.0 - 15.0: 96 h Lepomis macrochirus mg/L LC50 static 50.87 - 70.34: 96 h Poecilia reticulata mg/L LC50 static 14.1 - 17.16: 96 h Oncorhynchus mykiss mg/L LC50 static 28.2: 96 h Poecilia reticulata mg/L LC50 semi-static
Naphthalene	0.4: 72 h Skeletonema costatum mg/L EC50	1.6: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.91 - 2.82: 96 h Oncorhynchus mykiss mg/L LC50 static 1.99: 96 h Pimephales promelas mg/L LC50 static 5.74 - 6.44: 96 h Pimephales promelas mg/L LC50 flow-through 31.0265: 96 h Lepomis macrochirus mg/L LC50 static
Ethyl benzene	4.6: 72 h Pseudokirchneriella subcapitata mg/L EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 438: 96 h Pseudokirchneriella subcapitata mg/L EC50 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 11: 72 h Pseudokirchneriella subcapitata mg/L EC50	11.0 - 18.0: 96 h Oncorhynchus mykiss mg/L LC50 static 4.2: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 7.55 - 11: 96 h Pimephales promelas mg/L LC50 flow-through 9.6: 96 h Poecilia reticulata mg/L LC50 static 32: 96 h Lepomis macrochirus mg/L LC50 static 9.1 - 15.6: 96 h Pimephales promelas mg/L LC50 static
Cumene	2.6: 72 h Pseudokirchneriella subcapitata mg/L EC50	6.04 - 6.61: 96 h Pimephales promelas mg/L LC50 flow-through 4.8: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 5.1: 96 h Poecilia reticulata mg/L LC50 semi-static 2.7: 96 h Oncorhynchus mykiss mg/L LC50 semi-static
Benzene	29: 72 h Pseudokirchneriella subcapitata mg/L EC50	10.7 - 14.7: 96 h Pimephales promelas mg/L LC50 flow-through 22.49: 96 h Lepomis macrochirus mg/L LC50 static 5.3: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 22330 - 41160: 96 h Pimephales promelas µg/L LC50 static 70000 - 142000: 96 h Lepomis macrochirus µg/L LC50 static 28.6: 96 h Poecilia reticulata mg/L LC50 static

Persistence and degradability Not available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Acetone 67-64-1	67-64-1	-0.24
Naphtha, petroleum, hydrotreated light 64742-49-0	64742-49-0	-
Toluene 108-88-3	108-88-3	2.7
Naphthalene 91-20-3	91-20-3	3.6
Ethyl benzene 100-41-4	100-41-4	3.2
Cumene 98-82-8	98-82-8	3.7
Benzene 71-43-2	71-43-2	2.1

Mobility in soil Not available.

Other adverse effects Not available

13. DISPOSAL CONSIDERATIONS

Disposal information Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations.

Contaminated packaging Dispose in accordance with local, state and federal regulations. Empty containers retain product residue and can be hazardous.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT
ID-No UN1993
Proper shipping name Flammable Liquid, n.o.s. (Heptane, Acetone)
Hazard Class(es) 3
Packing group II

TDG
ID-No UN1993
Proper shipping name Flammable Liquid, n.o.s. (Heptane, Acetone)
Hazard Class(es) 3
Packing group II

IATA
ID-No UN1993
Proper shipping name Flammable Liquid, n.o.s. (Heptane, Acetone)
Hazard Class(es) 3
Packing group II

IMDG/IMO
ID-No UN1993
Proper shipping name Flammable Liquid, n.o.s. (Heptane, Acetone)
Hazard Class(es) 3

Packing group II

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Acetone	67-64-1	-	-	-
Naphtha, petroleum, hydrotreated light	64742-49-0	-	-	-
Toluene	108-88-3	-	-	-
Naphthalene	91-20-3	X	X	X X
Ethyl benzene	100-41-4	-	-	-
Cumene	98-82-8	-	-	-
Benzene	71-43-2	-	-	-

Special Precautions

Multi-modal shipping descriptions are provided for informational purposes and do not consider container size. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

15. REGULATORY INFORMATION

State regulations

U.S. state Right-to-Know regulations

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Acetone	67-64-1	X	X	X
Naphtha, petroleum, hydrotreated light	64742-49-0	X	X	X
Toluene	108-88-3	X	X	X
Naphthalene	91-20-3	X	X	X
Ethyl benzene	100-41-4	X	X	X
Cumene	98-82-8	X	X	X
Benzene	71-43-2	X	X	X

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Acetone	67-64-1	-
Naphtha, petroleum, hydrotreated light	64742-49-0	-
Toluene	108-88-3	Developmental
Naphthalene	91-20-3	Carcinogen
Ethyl benzene	100-41-4	Carcinogen
Cumene	98-82-8	Carcinogen
Benzene	71-43-2	Carcinogen Developmental Male Reproductive

California Proposition 65 WARNING: This product contains a chemical(s) known to the state of California to cause cancer, birth defects or other reproductive harm

U.S. Federal Regulations

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Acetone	67-64-1	5000 lb 2270 kg	-
Naphtha, petroleum, hydrotreated light	64742-49-0	-	-
Toluene	108-88-3	1000 lb 454 kg 1 lb 0.454 kg	1.0 %
Naphthalene	91-20-3	100 lb 45.4 kg 1 lb 0.454 kg	0.1 %
Ethyl benzene	100-41-4	1000 lb 454 kg	0.1 %
Cumene	98-82-8	5000 lb 2270 kg	1.0 %
Benzene	71-43-2	10 lb 4.54 kg	0.1 %

US EPA SARA 311/312 hazardous categorization
Fire Hazard
Acute Health Hazard
Chronic Health Hazard

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Acetone	X	X	-
Naphtha, petroleum, hydrotreated light	X	X	-
Toluene	X	X	-
Naphthalene	X	X	-
Ethyl benzene	X	X	-
Cumene	X	X	-
Benzene	X	X	-

Legend X - Listed

Intentionally Added Ingredient

Nonfunctional Constituents

Chemical name	CAS-No	Nonfunctional Constituents
Acetone	67-64-1	Not listed
Naphtha, petroleum, hydrotreated light	64742-49-0	Not listed
Toluene	108-88-3	Not listed
Naphthalene	91-20-3	Not listed
Ethyl benzene	100-41-4	Not listed

Chemical name	CAS-No	Nonfunctional Constituents
Cumene	98-82-8	Not listed
Benzene	71-43-2	Present

EU Fragrance Allergens

Chemical name	CAS-No	EU - Cosmetics (1223/2009) - Annex III - Fragrance Allergens
Acetone	67-64-1	Not Listed
Naphtha, petroleum, hydrotreated light	64742-49-0	Not Listed
Toluene	108-88-3	LISTED
Naphthalene	91-20-3	Not Listed
Ethyl benzene	100-41-4	Not Listed
Cumene	98-82-8	Not Listed
Benzene	71-43-2	Not Listed

California Cleaning Products RTK - Substances on Designated Lists

Chemical name	CAS-No	Substances in Designated Lists
Acetone	67-64-1	Present (ATSDR Neurotoxicants, [7404])
Naphtha, petroleum, hydrotreated light	64742-49-0	Present (EU CMRs, [3207]); Present (EU CMRs, [3218]); Present (Canada PBTs, [4335]) Present (EU CMRs, [3207]); Present (EU CMRs, [3218]); Present (Canada PBTs, [4335]) Present (EU CMRs, [3207]); Present (EU CMRs, [3218]); Present (Canada PBTs, [4335]) Present (EU CMRs, [3218]); Present (Canada PBTs, [4335]) Present (EU CMRs, [3218]); Present (Canada PBTs, [4335]) Present (EU CMRs, [3218]); Present (Canada PBTs, [4335]) Present (EU CMRs, [3218]); Present (Canada PBTs, [4335])
Toluene	108-88-3	Not listed
Naphthalene	91-20-3	Not listed
Ethyl benzene	100-41-4	Present (IARC Carcinogens, [114]); Present (CA Prop 65, [409]); Present (CA Prop 65, [413]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (ATSDR Neurotoxicants, [7404]); Present (CA MCLs, [7529]); Present (CA Non-Cancer Hazards, [819]); Present (CA Priority Pollutants, [843]) Present (IARC Carcinogens, [114]); Present (CA Prop 65, [409]); Present (CA Prop 65, [413]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (ATSDR Neurotoxicants, [7404]); Present (CA MCLs, [7529]); Present (CA Non-Cancer Hazards, [819]); Present (CA Priority Pollutants, [843]) Present (IARC Carcinogens, [114]); Present (CA Prop 65, [409]); Present (CA Prop 65, [413]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (ATSDR Neurotoxicants, [7404]); Present (CA MCLs, [7529]); Present (CA Non-Cancer Hazards, [819]); Present (CA Priority Pollutants, [843]) Present (IARC Carcinogens, [114]); Present (CA Prop 65, [409]); Present (CA Prop 65, [413]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (ATSDR Neurotoxicants, [7404]); Present (CA MCLs, [7529]); Present (CA Non-Cancer Hazards, [819]); Present (CA Priority Pollutants, [843]) Present (IARC Carcinogens, [114]); Present (CA Prop 65, [409]); Present (CA Prop 65, [413]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (ATSDR Neurotoxicants, [7404]); Present (CA MCLs, [7529]); Present (CA Non-Cancer Hazards, [819]); Present (CA Priority Pollutants, [843]) Present (IARC Carcinogens, [114]); Present (CA Prop 65, [409]); Present (CA Prop 65, [413]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (ATSDR Neurotoxicants, [7404]); Present (CA MCLs, [7529]); Present (CA Non-Cancer Hazards, [819]); Present (CA Priority Pollutants, [843]) Present (IARC Carcinogens, [114]); Present (CA Prop 65, [409]); Present (CA Prop 65, [413]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (ATSDR Neurotoxicants, [7404]); Present (CA MCLs, [7529]); Present (CA Non-Cancer Hazards, [819]); Present (CA Priority Pollutants, [843]) Present (IARC Carcinogens, [114]); Present (CA Prop 65, [409]); Present (CA Prop 65, [413]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (ATSDR Neurotoxicants, [7404]); Present (CA MCLs, [7529]); Present (CA Non-Cancer Hazards, [819]); Present (CA Priority Pollutants, [843]) Present (IARC Carcinogens, [114]); Present (CA Prop 65, [409]); Present (CA Prop 65, [413]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (ATSDR Neurotoxicants, [7404]); Present (CA MCLs, [7529]); Present (CA Non-Cancer Hazards, [819]); Present (CA Priority Pollutants, [843]) Present (EU CMRs, [3207]); Present (EU CMRs, [3218]) Present (EU CMRs, [3207]); Present (EU CMRs, [3218]) Present (EU CMRs, [3207]); Present (EU CMRs, [3218]) Present (EU CMRs, [3207]); Present (EU CMRs, [3218]) Present (EU CMRs, [3207]); Present (EU CMRs, [3218]) Present (EU CMRs, [3207]); Present (EU CMRs, [3218])
Cumene	98-82-8	Present (IARC Carcinogens, [114]); Present (US NTP Carcinogens, [377]); Present (CA Prop 65,

Chemical name	CAS-No	Substances in Designated Lists
		[409]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (CA Prop 65, [5500]); Present (CA NLs, [7480]) Present (IARC Carcinogens, [114]); Present (US NTP Carcinogens, [377]); Present (CA Prop 65, [409]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (CA Prop 65, [5500]); Present (CA NLs, [7480]) Present (IARC Carcinogens, [114]); Present (US NTP Carcinogens, [377]); Present (CA Prop 65, [409]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (CA Prop 65, [5500]); Present (CA NLs, [7480]) Present (IARC Carcinogens, [114]); Present (US NTP Carcinogens, [377]); Present (CA Prop 65, [409]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (CA Prop 65, [5500]); Present (CA NLs, [7480]) Present (IARC Carcinogens, [114]); Present (US NTP Carcinogens, [377]); Present (CA Prop 65, [409]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (CA Prop 65, [5500]); Present (CA NLs, [7480]) Present (IARC Carcinogens, [114]); Present (US NTP Carcinogens, [377]); Present (CA Prop 65, [409]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (CA Prop 65, [5500]); Present (CA NLs, [7480]) Present (IARC Carcinogens, [114]); Present (US NTP Carcinogens, [377]); Present (CA Prop 65, [409]); Present (US EPA PBTs, [428]); Present (CA TACs, [430]); Present (CA Prop 65, [5500]); Present (CA NLs, [7480]) Present (EU CMRs, [3207]); Present (EU CMRs, [3218]) Present (EU CMRs, [3207]); Present (EU CMRs, [3218])
Benzene	71-43-2	Not listed

16. OTHER INFORMATION

NFPA

Health	Not available
Flammability	Not available
Instability	Not available

HMIS

Health	1
Flammability	3
Physical hazards	0
Personal protection	X

Notice: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

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Revision note

Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)
ATE (Average Toxicity Estimate)
DSL/NDSL (Domestic Substance List/Non-Domestic Substance List)
HMIS (Hazardous Materials Identification System)
IARC (International Agency for Research on Cancer)
IATA (International Air Transport Association)

IMDG/IMO (International Maritime Dangerous Goods/International Maritime Orgnaization)
NFPA (National Fire Protection Association)
NTP (National Toxicology Program)
OEL (Occupational Exposure Level)
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
PEL (Permissible Exposure Limit)
TSCA (Toxic Substance Control Act)
USEPA (United States Environmental Protection Agency)

Disclaimer

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

End of Safety Data Sheet