



Safety Data Sheet

Issue date 13-Jul-2018

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Revision Number 2

1. IDENTIFICATION

Product identification

Product identifier	Kent® Fast Drying Non-Chlorinated Brake Parts Cleaner
Other means of identification	KT14664
Recommended use	Cleaner, Solvent
Restrictions on use	For industrial use only

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)

2. HAZARD(S) IDENTIFICATION

Hazard Classification This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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
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 P332 + P313 - If skin irritation 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 P321 - For Specific treatment see section 4 of this sds
Fire	P370 + P378 - In case of fire: Use appropriate method to extinguish
Spill	P390 - Absorb spillage to prevent material damage P391 - Collect spillage
Storage	P403 + P233 - Store in a well-ventilated place. Keep container tightly closed P403 + P235 - Store in a well-ventilated place. Keep cool P405 - Store locked up
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 None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Composition Mixture.

Chemical name	CAS-No	Weight %
Naphtha, petroleum, hydrotreated light	64742-49-0	75-100
Isopropanol	67-63-0	10-25
Toluene	108-88-3	<1.0
Naphthalene	91-20-3	<1.0
Ethylbenzene	100-41-4	<1.0
Cumene	98-82-8	<1.0
Benzene	71-43-2	<1.0

4. FIRST-AID MEASURES

Necessary first-aid measures

Inhalation	Remove to fresh air. Contact physician if breathing difficulty develops. Oxygen or artificial respiration if needed. Keep warm and quiet. Remove from exposure. Keep head below hips to prevent aspiration into the lungs. Rescuers should put on appropriate protective gear.
Ingestion	Call a physician immediately. Wash out mouth with water. Do not give liquids.
Skin contact	Wash off immediately with plenty of water. Call a physician immediately. Remove and wash contaminated clothing before re-use.
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** Not available.

Specific hazards Extremely flammable. 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.

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 use of solid water streams. Do not use water jet (frothing possible). Use water spray to knock down vapors. 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

Use personal protection recommended in Section 8. Remove all sources of ignition. Do not touch or walk through spilled material. Use only non-combustible material for clean-up.

Methods and materials for containment and cleaning up

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Stop leak if you can without risk. Approach release from upwind.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Take precautionary measures against static discharges. Use spark-proof tools and explosion proof equipment. Keep away from open flames, hot surfaces and sources of ignition. Always open containers slowly to allow any excess pressure to vent. Avoid breathing dust/fume/gas/mist/vapors/spray. Follow label cautions even after the container is empty since empty containers could retain product residues. All equipment used when handling the product must be grounded. Ventilate the area. Avoid contact with clothing. Do not load into compartments adjacent to heated cargo.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a cool, well-ventilated place. Keep container closed when not in use. Protect from sunlight. 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). 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
Naphtha, petroleum, hydrotreated light	-	-	350 mg/m ³ TWA 350 mg/m ³ TWA
Isopropanol	400 ppm TWA 980 mg/m ³ TWA	400 ppm STEL 200 ppm TWA	500 ppm STEL 1225 mg/m ³ STEL 400 ppm TWA 980 mg/m ³ TWA
Toluene	300 ppm Ceiling 200 ppm TWA	20 ppm TWA	150 ppm STEL 560 mg/m ³ STEL 100 ppm TWA 375 mg/m ³ TWA
Naphthalene	10 ppm TWA 50 mg/m ³ TWA	10 ppm TWA Skin	15 ppm STEL 75 mg/m ³ STEL 10 ppm TWA 50 mg/m ³ TWA
Ethylbenzene	100 ppm TWA 435 mg/m ³ TWA	20 ppm TWA	125 ppm STEL 545 mg/m ³ STEL 100 ppm TWA 435 mg/m ³ TWA
Cumene	Skin	50 ppm TWA	50 ppm TWA

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
	50 ppm TWA 245 mg/m ³ TWA		245 mg/m ³ 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 goggles are recommended to prevent accidental eye contact. Face-shield.

Skin and body protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. For prolonged or repeated skin contact, use a chemically resistant glove such as nitrile or neoprene. Wash hands with soap and water after removing gloves. Dry hands thoroughly before re-applying gloves. Long sleeved clothing.

Respiratory protection

Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

Hygiene measures

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday. Avoid breathing vapors or mists.

Canadian Province Occupational Exposure Limits

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland and Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
Naphtha, petroleum, hydrotreated light	-	-	-	-	-	-	-	-	-	-
Isopropanol	400 ppm STEL 984 mg/m ³ STEL 200 ppm TWA 492 mg/m ³ TWA	400 ppm STEL 200 ppm TWA	200 ppm TWA 400 ppm STEL	500 ppm STEL 1230 mg/m ³ STEL 400 ppm TWA 983 mg/m ³ TWA	400 ppm STEL 200 ppm TWA	400 ppm STEL 200 ppm TWA	400 ppm STEL 200 ppm TWA	400 ppm STEL 200 ppm TWA	500 ppm STEV 1230 mg/m ³ STEV 400 ppm TWA 985 mg/m ³ TWA	400 ppm STEL 200 ppm TWA
Toluene	50 ppm TWA 188 mg/m ³ TWA	20 ppm TWA	20 ppm TWA	50 ppm TWA 188 mg/m ³ TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	50 ppm TWA 188 mg/m ³ TWA	60 ppm STEL 50 ppm TWA
Naphthalene	15 ppm STEL 79 mg/m ³ STEL 10 ppm TWA 52 mg/m ³ TWA	15 ppm STEL 10 ppm TWA	10 ppm TWA	15 ppm STEL 79 mg/m ³ STEL 10 ppm TWA 52 mg/m ³ TWA	10 ppm TWA	10 ppm TWA	10 ppm TWA	10 ppm TWA	15 ppm STEV 79 mg/m ³ STEV 10 ppm TWA 52 mg/m ³ TWA	15 ppm STEL 0.6 mg/m ³ STEL 10 ppm TWA 0.2 mg/m ³ TWA

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundl and & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatche wan - OEL
Ethylbenzene	125 ppm STEL 543 mg/m ³ STEL 100 ppm TWA 434 mg/m ³ TWA	20 ppm TWA	20 ppm TWA	125 ppm STEL 543 mg/m ³ STEL 100 ppm TWA 434 mg/m ³ TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	125 ppm STEV 543 mg/m ³ STEV 100 ppm TWA 434 mg/m ³ TWA	125 ppm STEL 100 ppm TWA
Cumene	50 ppm TWA 246 mg/m ³ TWA	75 ppm STEL 25 ppm TWA	50 ppm TWA	50 ppm TWA 246 mg/m ³ TWA	50 ppm TWA	50 ppm TWA	50 ppm TWA	50 ppm TWA	50 ppm TWA 246 mg/m ³ TWA	74 ppm STEL 50 ppm TWA
Benzene	2.5 ppm STEL 8 mg/m ³ STEL 0.5 ppm TWA 1.6 mg/m ³ TWA	2.5 ppm STEL 0.5 ppm TWA	0.5 ppm TWA 2.5 ppm STEL	2.5 ppm STEL 8 mg/m ³ STEL 0.5 ppm TWA 1.6 mg/m ³ 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/m ³ STEV 1 ppm TWA 3 mg/m ³ TWA	-

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Clear, Colorless
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	82.2 - 154 °C
Boiling point/range °F	180 - 309 °F
Flash point °C	-9.4°
Flash point °F	15°
Flash point method used	Not available
Evaporation rate	Not available
Flammability (Solid, Gas)	Not available
Lower explosion limit	1 %
Upper explosion limit	12 %
Vapor pressure	Not available

Vapor density	Not available
Relative density	0.710
Solubility	Negligible
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	Incompatible with strong acids and bases. Prevent contact with aldehydes. Avoid contact with chlorinated compounds. Prevent contact with halogens. Avoid contact with amines. Incompatible with oxidizing agents.
Hazardous decomposition products	During combustion carbon monoxide and/or carbon dioxide may be formed.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Dermal. Inhalation. Ingestion. Eyes.
Symptoms	Breathing of vapor can cause respiratory irritation and inflammation. Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor (CNS depression). Can cause Central Nervous System depression. Adverse symptoms may include the following: Nausea. Vomiting. Headache. Drowsiness. Fatigue. Dizziness/vertigo. Unconsciousness. May cause dizziness and drowsiness. 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 hazard. Harmful or fatal if aspirated into the lungs from ingestion or vomiting. Aspiration of this material will cause severe lung injury, chemical pneumonitis, pulmonary edema or death. Irritating to mouth, throat and stomach. Ingestion may cause nausea or vomiting. May cause central nervous system depression.
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 damage. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema. A component of this product is a

potential hazard to the fetus. Vapors irritating to eyes and respiratory tract. 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. Significant exposure to this chemical may adversely affect people with chronic disease of the central nervous system. Chronic exposure may result in irritation of mucous membranes, headaches, and/or symptoms of CNS depression such as drowsiness and lack of concentration.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
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)
Isopropanol	= 72600 mg/m ³ (Rat) 4 h	= 4059 mg/kg (Rabbit)	= 1870 mg/kg (Rat)
Toluene	= 12.5 mg/L (Rat) 4 h	= 12000 mg/kg (Rabbit) Dermal LD50 Rabbit 12000 mg/kg (Source: JAPAN_GHS)	= 2600 mg/kg (Rat) Oral LD50 Rat 2600 mg/kg (Source: JAPAN_GHS)
Naphthalene	> 340 mg/m ³ (Rat) 1 h	= 1120 mg/kg (Rabbit) > 20 g/kg (Rabbit)	= 1110 mg/kg (Rat) = 490 mg/kg (Rat)
Ethylbenzene	= 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	> 3577 ppm (Rat) 6 h = 39000 mg/m ³ (Rat) 4 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
Naphtha, petroleum, hydrotreated light	-	Group 3	-	-
Isopropanol	A4	Group 1 Group 3	Listed	-
Toluene	A4	Group 3	-	-
Naphthalene	A3	Group 2A Group 2B	Listed	Reasonably Anticipated
Ethylbenzene	A3	Group 2B	Listed	-
Cumene	-	Group 2B	Listed	Reasonably Anticipated
Benzene	A1	Group 1	Listed	Known

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Naphtha, petroleum, hydrotreated light	-	-	-	-	-	-
Isopropanol	-	-	ACGIH A4	-	ACGIH A4	-
Toluene	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Naphthalene	-	IARC 2B	ACGIH A3	ACGIH A4	ACGIH A3	-
Ethylbenzene	-	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
Naphtha, petroleum, hydrotreated light	-	258: 96 h <i>Salmo gairdneri</i> mg/L LC50 static
Isopropanol	1000: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 1000: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	1400000: 96 h <i>Lepomis macrochirus</i> µg/L LC50 9640: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 11130: 96 h <i>Pimephales promelas</i> mg/L LC50 static
Toluene	433: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 12.5: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static	15.22 - 19.05: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 12.6: 96 h <i>Pimephales promelas</i> mg/L LC50 static 5.89 - 7.81: 96 h <i>Oncorhynchus</i> <i>mykiss</i> mg/L LC50 flow-through 14.1 - 17.16: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 5.8: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 semi-static 11.0 - 15.0: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 54: 96 h <i>Oryzias latipes</i> mg/L LC50 static 28.2: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 50.87 - 70.34: 96 h <i>Poecilia reticulata</i> mg/L LC50 static
Naphthalene	0.4: 72 h <i>Skeletonema costatum</i> mg/L EC50	1.6: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 5.74 - 6.44: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 1.99: 96 h <i>Pimephales</i> <i>promelas</i> mg/L LC50 static 31.0265: 96 h <i>Lepomis</i> <i>macrochirus</i> mg/L LC50 static 0.91 - 2.82: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static
Ethylbenzene	4.6: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 2.6 - 11.3: 72 h <i>Pseudokirchneriella</i> <i>subcapitata</i> mg/L EC50 static 438: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 1.7 - 7.6: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static 11: 72 h <i>Pseudokirchneriella</i> <i>subcapitata</i> mg/L EC50	11.0 - 18.0: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 32: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 9.6: 96 h <i>Poecilia reticulata</i> mg/L LC50 static 9.1 - 15.6: 96 h <i>Pimephales promelas</i> mg/L LC50 static 4.2: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 semi-static 7.55 - 11: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through
Cumene	2.6: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	6.04 - 6.61: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 2.7: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 semi-static 5.1: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 4.8: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through
Benzene	29: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	10.7 - 14.7: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 5.3: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 22.49: 96 h <i>Lepomis</i> <i>macrochirus</i> mg/L LC50 static 28.6: 96 h <i>Poecilia</i> <i>reticulata</i> mg/L LC50 static 22330 - 41160: 96 h

Chemical name	Algae/aquatic plants	Fish
		Pimephales promelas µg/L LC50 static 70000 - 142000: 96 h Lepomis macrochirus µg/L LC50 static

Persistence and degradability Not available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Naphtha, petroleum, hydrotreated light 64742-49-0	64742-49-0	-
Isopropanol 67-63-0	67-63-0	0.05 25 °C
Toluene 108-88-3	108-88-3	2.7
Naphthalene 91-20-3	91-20-3	3.6
Ethylbenzene 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/Isopropanol)
Hazard Class(es) 3
Packing group II

TDG

ID-No UN1993
Proper shipping name Flammable liquid, N.O.S. (Heptane/Isopropanol)
Hazard Class(es) 3
Packing group II

IATA

ID-No UN1993

Proper shipping name Flammable liquid, N.O.S. (Heptane/Isopropanol)
Hazard Class(es) 3
Packing group II

IMDG/IMO

ID-No UN1993
Proper shipping name Flammable liquid, N.O.S. (Heptane/Isopropanol)
Hazard Class(es) 3
Packing group II

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Naphtha, petroleum, hydrotreated light	64742-49-0	-	-	-
Isopropanol	67-63-0	-	-	-
Toluene	108-88-3	-	-	-
Naphthalene	91-20-3	X	-	X X
Ethylbenzene	100-41-4	-	-	-
Cumene	98-82-8	-	-	-
Benzene	71-43-2	-	-	-

15. REGULATORY INFORMATION

State regulations

U.S. state Right-to-Know regulations

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Naphtha, petroleum, hydrotreated light	64742-49-0	X	X	X
Isopropanol	67-63-0	X	X	X
Toluene	108-88-3	X	X	X
Naphthalene	91-20-3	X	X	X
Ethylbenzene	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
Naphtha, petroleum, hydrotreated light	64742-49-0	-
Isopropanol	67-63-0	-
Toluene	108-88-3	Developmental
Naphthalene	91-20-3	Carcinogen
Ethylbenzene	100-41-4	Carcinogen
Cumene	98-82-8	Carcinogen
Benzene	71-43-2	Carcinogen Developmental Male Reproductive

California Proposition 65

This product contains chemicals known to the state of California to cause cancer: Benzene, Ethylbenzene, Cumene, Naphthalene This product contains chemicals known to the state of California to cause birth defects or other reproductive harm Toluene, Benzene

U.S. Federal Regulations

EPA pesticide registration number Not applicable

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Naphtha, petroleum, hydrotreated light	64742-49-0	-	-
Isopropanol	67-63-0	-	1.0 %
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 %
Ethylbenzene	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

International inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA 8(b)), Canada (DSL/NDSL) or are exempt.

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

Legend X - 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 Organization)
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