



Safety Data Sheet

Issue date 19-Jul-2018

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Revision Number 1

1. IDENTIFICATION

Product identification

Product identifier Kent® Brake Parts Cleaner

Other means of identification KT14914

Recommended use Cleaner

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).

Serious eye damage/eye irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 2

Symbol



Signal word

DANGER

Hazard statements

H319 - Causes serious eye irritation
H225 - Highly flammable liquid and vapor
H336 - May cause drowsiness or dizziness

Precautionary statements**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
P264 - Wash skin thoroughly after handling
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves/protective clothing and eye/face protection

Response**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

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Inhalation

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Fire

P370 + P378 - In case of fire: Use appropriate method to extinguish

Storage

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

None known

3. COMPOSITION/INFORMATION ON INGREDIENTS**Composition**

Mixture.

Chemical name	CAS-No	Weight %
Acetone	67-64-1	75-100

4. FIRST-AID MEASURES**Necessary first-aid measures****Inhalation**

Rescuers should put on appropriate protective gear. Remove from exposure. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep

	warm and quiet. Get medical attention immediately.
Ingestion	Do NOT induce vomiting. Get medical attention immediately.
Skin contact	Wash off immediately with plenty of water. Call a physician immediately. Remove and wash contaminated clothing before re-use.
Eye contact	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. 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	Highly flammable liquid and vapor. Vapors may form explosive mixture with air. Vapors may accumulate in low or confined areas or travel a considerable distance 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. Water runoff can cause environmental damage. Dike and collect water used to fight fire. Cool containers exposed to flames with water until well after the fire is out. Use with caution. Water may be ineffective. Avoid use of solid water streams. Do not use water jet (frothing possible). Evacuate personnel to safe areas. Shut down motors, pumps, electrical service and eliminate all sources of ignition.

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 with earth, sand or other non-combustible material and transfer to containers for later disposal. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Use clean non-sparking tools to collect absorbed material. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Avoid discharge into drains, water courses or onto the ground.

7. HANDLING AND STORAGE

Precautions for safe handling	Use only outdoors or in a well-ventilated area. Follow label cautions even after the container is empty since empty containers could retain product residues. Avoid contact with eyes, skin, and clothing. Always open containers slowly to allow any excess pressure to vent.
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Ground and bond containers when transferring material. Use only non-sparking tools. Keep away from open flames, hot surfaces and sources of ignition. Do not load into compartments adjacent to heated cargo. Avoid breathing dust/fume/gas/mist/vapors/spray. Ventilate the area. Use spark-proof tools and explosion proof equipment. Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep containers tightly closed in a cool, well-ventilated place. Keep container closed when not in use. Protect from sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Acetone	1000 ppm TWA 2400 mg/m ³ TWA	500 ppm STEL 250 ppm TWA	250 ppm TWA 590 mg/m ³ TWA

Appropriate engineering controls

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Individual protection measures, such as personal protective equipment

Eye protection

Wear safety glasses with side shields or goggles. Face-shield.

Skin and body protection

Wear impervious gloves to prevent contact with the skin. Wear protective gear as needed: apron, suit, boots. Wear protective butyl rubber gloves.

Respiratory protection

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended.

Hygiene measures

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

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
Acetone	750 ppm STEL 1800 mg/m ³ STEL 500 ppm TWA 1200 mg/m ³ TWA	500 ppm STEL 250 ppm TWA	250 ppm TWA 500 ppm STEL	750 ppm STEL 1782 mg/m ³ STEL 500 ppm TWA 1188 mg/m ³ 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/m ³ STEV 500 ppm TWA 1190 mg/m ³ TWA	750 ppm STEL 500 ppm TWA

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	56.1 °C
Boiling point/range °F	133 °F
Flash point °C	-20
Flash point °F	-4
Flash point method used	Not available
Evaporation rate	Not available
Flammability (Solid, Gas)	Not available
Lower explosion limit	2.6 %
Upper explosion limit	12.8 %
Vapor pressure	186.2 mmHg @ 20°C (68°F)
Vapor density	Not available
Relative density	0.796
Solubility	completely 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	Kinematic (20°C (68°F)): 0.4cm ² /s (40 cSt)

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. Alkalis. Incompatible with oxidizing agents. 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 Adverse symptoms may include the following: Nausea. Dizziness/vertigo. Headache. Stupor. Drowsiness. Inhalation may irritate the mucous membranes of the nose, throat, bronchi and lungs. 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). Causes serious eye irritation. May cause tearing of the eye, redness and discomfort. Harmful if swallowed. Ingestion may result in nausea, vomiting, diarrhea and pain. May cause dizziness and drowsiness. Stupor.

Delayed and immediate effects as well as chronic effects from short and long-term exposure Excessive exposure will aggravate pre-existing skin disorders, respiratory, liver, kidney, cardiovascular or pulmonary illnesses. Exposure may damage liver and kidneys.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Acetone	= 50100 mg/m ³ (Rat) 8 h	> 15700 mg/kg (Rabbit)	= 5800 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	-	-	-

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	-

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

Persistence and degradability Not available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Acetone 67-64-1	67-64-1	-0.24

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 UN1090
 Proper shipping name Acetone
 Hazard Class(es) 3
 Packing group II

TDG

ID-No UN1090
 Proper shipping name Acetone
 Hazard Class(es) 3
 Packing group II

IATA

ID-No UN1090
 Proper shipping name Acetone
 Hazard Class(es) 3
 Packing group II

IMDG/IMO

ID-No UN1090
 Proper shipping name Acetone
 Hazard Class(es) 3
 Packing group II

EmS No

F-E, S-D

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Acetone	67-64-1	-	-	-

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**

See information below

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Acetone	67-64-1	X	X	X

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Acetone	67-64-1	-

California Proposition 65

This product does not contain any Proposition 65 chemicals

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	-

US EPA SARA 311/312 hazardous categorization

Acute Health Hazard
Fire Hazard

International inventories

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

Prepared by Regulatory Affairs

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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