



Safety Data Sheet

Issue date 25-May-2018

Revision date 15-Aug-2019

Revision Number 2

1. IDENTIFICATION

Product identification

Product identifier Kent® Activator, Pump Spray

Other means of identification KT13431

Recommended use Adhesive

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)

Website <https://www.lawsonproducts.com>

2. HAZARD(S) IDENTIFICATION

Hazard Classification This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS 2015 and GHS Regulations.

Acute toxicity - Oral	Category 4
Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation	Category 4
Skin corrosion/irritation	Category 2
Flammable liquids	Category 2

Symbol



Signal word DANGER

Hazard statements

H225 - Highly flammable liquid and vapor
H302 - Harmful if swallowed
H312 - Harmful in contact with skin
H315 - Causes skin irritation
H332 - Harmful if inhaled
H410 - Very toxic to aquatic life with long lasting effects

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.
P271 - Use only outdoors or in a well-ventilated area
P273 - Avoid release to the environment
P280 - Wear protective gloves/protective clothing and eye/face protection

Response**Ingestion**

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Storage

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**Composition**

Mixture.

Chemical name	CAS-No	Weight %
Heptanes	142-82-5	60-100
Benzenamine, N,N,4-trimethyl-	99-97-8	1-5

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

Remove to fresh air. If not breathing, give artificial respiration.

Ingestion

Do NOT induce vomiting. Immediate medical attention is required. Seek medical advice and bring MSDS or label.

Skin contact

Wash off immediately with soap and plenty of water. Seek medical attention if irritation

	persists.
Eye contact	Flush eyes immediately with large amounts of water. Seek medical attention if irritation occurs.
Most important symptoms (acute)	Not available.
Most important symptoms (over-exposure)	Causes skin irritation. Eye irritation.
Indication of any immediate medical attention and special treatment needed	Not available.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Alcohol resistant foam. Dry chemical. Carbon dioxide (CO2).
Unsuitable extinguishing media	Not available.
Specific hazards	Never use welding or cutting torch on or near product containers, even empty containers. Product or residue can ignite explosively when exposed to fire. Sensitivity to static discharge. Electrostatic charges may be generated during pumping. Electrically bond and ground all containers and equipment before transfer or use.
Special protective equipment for fire-fighters	Evacuate personnel to safe areas. Use water spray to keep fire-exposed containers cool. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Electrostatic charges may be generated during pumping. Electrically bond and ground all containers and equipment before transfer or use.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Use personal protection recommended in Section 8. Avoid breathing dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation. Remove all sources of ignition. Evacuate area of unprotected and unnecessary personnel. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Absorb liquid and place in a sealed container for disposal. Contain the spill to prevent spread to drains, sewers, water supplies, or soil.
Methods and materials for containment and cleaning up	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Dike far ahead of liquid spill for later disposal. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Dispose of absorbent in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with eyes, skin, and clothing. Use only in a well ventilated area. In case of insufficient ventilation wear suitable respiratory equipment. Use personal protection recommended in Section 8.
Conditions for safe storage, including any incompatibilities	Store in original container. Store in a cool, dry, and well-ventilated place. Observe label precautions. Store in accordance with local regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Heptanes	500 ppm TWA 2000 mg/m ³ TWA	500 ppm STEL 400 ppm TWA	85 ppm TWA 350 mg/m ³ TWA
Benzenamine, N,N,4-trimethyl-	-	-	-

Appropriate engineering controls

Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment**Eye protection**

Safety glasses with side-shields. If splashes are likely to occur, wear:. ANSI approved safety goggles are recommended if exposure is likely.

Skin and body protection

Wear protective nitrile rubber gloves. Avoid contact with clothing. Wash contaminated clothing before reuse.

Respiratory protection

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

Hygiene measures

Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities.

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
Heptanes	500 ppm STEL 2050 mg/m ³ STEL 400 ppm TWA 1640 mg/m ³ TWA	500 ppm STEL 400 ppm TWA	400 ppm TWA 500 ppm STEL	500 ppm STEL 2050 mg/m ³ STEL 400 ppm TWA 1640 mg/m ³ TWA	500 ppm STEL 400 ppm TWA 400 ppm TWA	500 ppm STEL 400 ppm TWA	500 ppm STEL 400 ppm TWA	500 ppm STEL 400 ppm TWA 400 ppm TWA	500 ppm STEV 2050 mg/m ³ STEV 400 ppm TWA 1640 mg/m ³ TWA	500 ppm STEL 400 ppm TWA
Benzenamine, N,N,4-trimethyl-	-	-	-	-	-	-	-	-	-	-

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical state**

Liquid

Color

Clear

Odor

Slight Hydrocarbon

Odor threshold

Not available

pH

No data available

Melting point/range °C

No data available

Melting point/range °F	No data available
Boiling point/range °C	93-98 °C
Boiling point/range °F	201-210 °F
Flash point °C	-4
Flash point °F	25
Flash point method used	Tag Closed Cup
Evaporation rate	No data available
Flammability (Solid, Gas)	Not available
Lower explosion limit	Not available
Upper explosion limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	0.7
Solubility	Insoluble in water
Partition coefficient (n-octanol/water)	Not available
Autoignition temperature °C	No data available
Autoignition temperature °F	No data available
Decomposition temperature °C	Not available
Decomposition temperature °F	Not available
Viscosity	Not available

10. STABILITY AND REACTIVITY

Reactivity	Stable. Hazardous polymerization does not occur.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Not available.
Conditions to avoid	Avoid direct sunlight. Avoid heat, sparks, and other sources of ignition. Avoid extreme heat. Avoid contact with incompatible materials.
Incompatible materials	Not available.
Hazardous decomposition products	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Dermal. Eyes.

Symptoms

Causes eye and skin irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Inhalation may cause temporary dizziness, headache, possible nausea. Symptoms normally disappear when exposure ceases. Eye or skin contact may cause discomfort by defatting action of solvents.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Heptanes	= 103 g/m ³ (Rat) 4 h	= 3000 mg/kg (Rabbit)	-
Benzenamine, N,N,4-trimethyl-	= 1400 mg/m ³ (Rat) 4 h	> 2000 mg/kg (Rabbit)	= 1650 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
Heptanes	-	-	-	-
Benzenamine, N,N,4-trimethyl-	-	Group 2B	Listed	-

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Heptanes	-	-	-	-	-	-
Benzenamine, N,N,4-trimethyl-	-	-	-	-	-	-

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish
Heptanes	-	375.0: 96 h Cichlid fish mg/L LC50
Benzenamine, N,N,4-trimethyl-	-	42 - 50.5: 96 h Pimephales promelas mg/L LC50 flow-through

Persistence and degradability No data available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Heptanes 142-82-5	142-82-5	4.66
Benzenamine, N,N,4-trimethyl- 99-97-8	99-97-8	2.81

Mobility in soil Not available.

Other adverse effects Prevent contamination of soil, drains and surface waters.

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.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT

ID-No UN1993
Proper shipping name Flammable liquid, n.o.s. (heptane)
Hazard Class(es) 3
Subsidiary Risk
Packing group II
Special Provisions LTD QTY

TDG

ID-No UN1993
Proper shipping name Flammable liquid, n.o.s. (heptane)
Hazard Class(es) 3
Packing group II
Special Provisions LTD QTY

IATA

ID-No UN1993
Proper shipping name Flammable liquid, n.o.s. (heptane)
Hazard Class(es) 3
Subsidiary Risk
Packing group II
Special Provisions LTD QTY

IMDG/IMO

ID-No UN1993
Proper shipping name Flammable liquid, n.o.s. (heptane)
Hazard Class(es) 3
Subsidiary Risk None
Packing group II
Special Provisions LTD QTY

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Heptanes	142-82-5	X	X	X
Benzenamine, N,N,4-trimethyl-	99-97-8	-	-	-

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
Heptanes	142-82-5	X	X	X
Benzenamine, N,N,4-trimethyl-	99-97-8	-	-	-

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Heptanes	142-82-5	-
Benzenamine, N,N,4-trimethyl-	99-97-8	Carcinogen

U.S. Federal Regulations**US EPA SARA 313**

This product contains no listed chemicals subject to reporting

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Heptanes	142-82-5	-	-
Benzenamine, N,N,4-trimethyl-	99-97-8	-	-

US EPA SARA 311/312 hazardous categorization

Not applicable

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Heptanes	X	X	X

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Benzenamine, N,N,4-trimethyl-	X	X	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health	2
Flammability	3
Instability	0

HMIS

Health	Not available
Flammability	Not available
Physical hazards	Not available

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 Substances 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