



Material Safety Data Sheet

Revision Date 17-Mar-2011

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code KT13430B
Product name Auto Trim Kit
Recommended Use Lubricant
Supplier Kent Automotive
6200 Oak Tree Blvd.
Independence, OH 44131
(800) 458-3222
Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
Irritant. Flammable.

Aggravated Medical Conditions
None Known.

Principal Routes of Exposure
Skin. Inhalation. Ingestion.

Potential health effects

Eyes Irritation.
Skin Skin Irritation.
Inhalation May cause irritation of respiratory tract.
Ingestion Extreme overexposure may cause. Dizziness. Nausea. Vomiting. Unconsciousness. Central nervous system effects. Toxic if swallowed. Ingestion may cause irritation to mucous membranes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Hexane	110-54-3	10-20
Octane	111-65-9	10-20
Heptanes	142-82-5	60-80

4. FIRST AID MEASURES

Eye contact Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
Skin contact Remove and wash contaminated clothing before re-use. Wash area thoroughly with soap and water. Seek medical attention if irritation persists.
Ingestion Do not induce vomiting. Immediate medical attention is required.
Inhalation Remove to fresh air. Provide oxygen or artificial respiration if necessary. Seek medical attention.

5. FIRE FIGHTING MEASURES

Flash point °C -40
Flash point °F 25
Method Tag Closed Cup

Autoignition temperature °C 222
Autoignition temperature °F 433

Flammability Limits (% in Air)

Upper 6.7
Lower 1.1

Suitable extinguishing media
Dry chemical. Foam. Carbon dioxide.

Special protective equipment for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Special Fire-Fighting Procedures
Firefighters should wear NIOSH/MSHA approved (or equivalent) self-contained pressure-demand breathing apparatus and full protective clothing.

Fire and Explosion Hazards
Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat .

Sensitivity to shock
No information available.

Sensitivity to static discharge
No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up
Eliminate all sources of ignition. Soak up excess with absorbent material. Take up mechanically and collect in suitable container for disposal.

7. HANDLING AND STORAGE**Handling**

Keep in a well-ventilated place. Must not come in contact with food. Heat, flames and sparks. Thoroughly wash hands and exposed skin after handling.

Storage

Store at temperatures between 40 degrees F and 90 degrees F. Keep tightly closed in a dry and cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Heptanes	2000 mg/m ³ 500 ppm	-	400 ppm	500 ppm
Hexane	1800 mg/m ³ 500 ppm	-	50 ppm	N/D
Octane	2350 mg/m ³ 500 ppm	-	300 ppm	-

Ventilation and Environmental Controls

Provide local exhaust ventilation. Mechanical: as necessary.

Hygiene measures

Wash hands after handling the product. Remove and wash contaminated clothing before re-use.

Respiratory protection

Use NIOSH approved respirator if TLV limit is exceeded.

Hand Protection

Rubber gloves.

Eye protection

Safety glasses with side-shields. Goggles.

Skin and body protection

Apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	Clear
Odor	Mild Hydrocarbon-like
Odor Threshold	150 ppm
pH	?
Specific Gravity	0.69
Vapor pressure	1.6
Vapor density	3.5 (air=1)
Evaporation Rate	No data available
Water solubility	Negligible
VOC Content	100
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	98
Boiling point/range °F	210
Melting point/range °C	No data available
Melting point/range °F	No data available

Flash point °C	-40
Flash point °F	25

10. STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

Heat, flames and sparks.

Incompatibility

Oxidizers. Strong acids. Caustics. Halogens.

Hazardous Decomposition Products

Carbon dioxide. Carbon monoxide. Hydrocarbons.

Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Heptanes 142-82-5	-	3000 mg/kg	103 g/m ³
Hexane 110-54-3	25 g/kg	3000 mg/kg	48000 ppm
Octane 111-65-9	-	-	118 g/m ³

Synergistic Products

None known

Potential health effects**Sensitization**

None known

Chronic toxicity

None known

Mutagenic effects

None known

Teratogenic effects

None known

Reproductive toxicity

None known

Target Organ Effects

See Section 2

Carcinogenic effects

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Heptanes	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Hexane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Octane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATIONHeptanes**Water Flea Data***Daphnia magna* hEC50 24 (>10 mg/L)Hexane**Water Flea Data***water flea* hEC50 48 (3.87 mg/L)Octane**Microtox Data***Photobacterium phosphoreum* EC50=890 mg/L (30 min)**Water Flea Data***water flea* hEC50 48 (0.38 mg/L)**Aquatic toxicity** Do not let product enter drains**13. DISPOSAL CONSIDERATIONS****Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION**DOT**

Consumer commodity, ORM-D

TDG

UN1206 HEPTANES(Heptanes/Octane), Class 3, PG II

15. REGULATORY INFORMATION**US EPA SARA 313**

Chemical Name	US EPA SARA 313 Emission Reporting
Hexane	Listed

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Heptanes	Listed	Listed	Not Listed
Hexane	Listed	Listed	Not Listed
Octane	Listed	Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Heptanes	X	X	-	X
Hexane	X	X	-	X
Octane	X	X	-	X

CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

Health - 2
Flammability - 3
Reactivity - 0

Health - 2
Flammability - 3
Physical Hazard - 0

Prepared By

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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.