

# Safety Data Sheet



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## Section 1. Chemical Product and Company Identification

**Product Name** Brake Cleaner  
**Product Use** Solvent cleaner for brake parts  
**Product Code** 8860  
**Date of Issue** 7/15/2016  
**Supersedes** 7/7/2014

### Emergency Telephone Numbers

**CHEMTREC- 1-800-424-9300**

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

## Section 2. Hazards Identification

### Emergency Overview

**DANGER**



### Health Hazards

Skin Corrosion/Irritation Category 2  
Specific Target Organ Toxicity, single exposure; narcotic effects Category 3  
Aspiration Hazard Category 1

### Physical Hazards

Flammable Liquid Category 2

### Precautionary Statements:

P210 Keep away from heat/sparks/open flames/hot surfaces – no smoking  
P233 Keep container tightly closed  
P241 Use explosion proof electrical, ventilating, lighting and all material-handling equipment  
P242 Use only non-sparking tools  
P243 Take precautionary measures against static discharge  
P261 Avoid breathing in mist/spray/vapors/gas/fumes/dust  
P264 Wash hands thoroughly after handling  
P271 Use only outdoors or in a well-ventilated area  
P280 Wear protective gloves and eye protection  
P301+P310 IF SWALLOWED: immediately call a poison center or physician  
P302+P352 IF ON SKIN: wash with plenty of soap and water  
P303+P361+P353 IF ON SKIN (or hair): remove all contaminated clothing. Rinse with water/shower.  
P304+P340+P312 IF INHALED: remove victim to fresh air and keep in rest position comfortable for breathing. Call a poison center or physician if you feel unwell.  
P332+P313 If skin irritation occurs: get medical advice/attention  
P362 Take off all contaminated clothing and wash before reuse  
P370+P378 In case of fire: use foam, dry chemical, water spray or CO<sub>2</sub> to extinguish  
P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up  
P501 Dispose of in accordance with all federal, state and local pollution control regulations

### Hazard Statements:

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

**Routes of Entry** Dermal, Oral, and Inhalation**Acute Effects:**

<b>Eyes</b>	Cause serious eye irritation
<b>Skin</b>	Causes irritation
<b>Inhalation</b>	Causes drowsiness, dizziness and CNS depression
<b>Ingestion</b>	Can cause CNS depression. May be fatal if swallowed and enters airways. Irritating to mouth, throat and stomach.

**Section 3. Composition/Information on Ingredients**

<b>Name of Hazardous Ingredients</b>	<b>CAS Number</b>	<b>% by Weight</b>
Heptane	142-82-5	100

**Section 4. First Aid Measures**

<b>Eye Contact</b>	Flush immediately with clean water for 15 minutes. Seek medical attention immediately.
<b>Skin Contact</b>	If irritation occurs, flush with plenty of clean water. Seek medical attention if a rash occurs or if irritation persists.
<b>Inhalation</b>	Remove person to fresh air. Begin CPR if breathing has stopped and seek immediate medical attention.
<b>Ingestion</b>	Do not induce vomiting. Give several glasses of water. Never give anything to an unconscious person orally. Get immediate medical attention.

**Section 5. Fire Fighting Measures**

National Fire Protection Association (U.S.A)  
(estimated rating)



<b>Hazardous Combustion Products</b>	CO and CO <sub>2</sub>
<b>Extinguishing Media</b>	Foam, dry chemical, water spray or CO <sub>2</sub>
<b>Unsuitable Extinguishing Media</b>	Water jet
<b>Fire Fighting Procedures</b>	Wear a self-contained breathing apparatus.
<b>Unusual Fire Hazards</b>	Highly flammable liquid and vapor. If heated, pressure in the container may burst, with risk of subsequent explosion. The vapor is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

**Section 6. Accidental Release Measures**

<b>Spill Clean Up</b>	Evacuate surrounding areas, and shut off all sources of ignition. <b>Small spills:</b> Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, absorb with an inert dry material and place in an appropriate waste disposal container. <b>Large spills:</b> Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material (sand, earth, vermiculite or diatomaceous earth) and place in container for disposal (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.
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**Section 7. Handling and Storage**

<b>Handling and Storage</b>	Keep container tightly closed when not in use. Store in a dry area. Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing in vapors. Store away from heat, sparks and open flames. Empty containers may contain residues and can be hazardous. Do not reuse the container. Do not pressurize, cut, weld, braze, solder, drill, grind or expose container to heat or sources of
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ignition. Keep out of the reach of children. Protect from direct sunlight in a dry, cool, well-ventilated area. Eliminate all ignition sources. Avoid environmental contamination.

### Section 8. Exposure Controls/Personal Protection

#### Exposure Limits

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Heptane (142-82-5)	500ppm	85ppm		400ppm

**Engineering Controls** Use in well-ventilated area



#### Personal Protective Equipment (PPE)

**Eyes** Safety glasses or chemical splash goggles  
**Body** Neoprene gloves  
**Respiratory** Not required

### Section 9. Physical and Chemical Properties

<b>Physical State</b>	Liquid	<b>Explosive Limits</b>	Upper: 6.7% Lower: 1%
<b>Color</b>	Clear	<b>Vapor Pressure</b>	6 kPa
<b>Odor</b>	Solvent odor	<b>Vapor Density</b>	3
<b>Odor Threshold</b>	N/A	<b>Relative Density</b>	0.7
<b>pH</b>	N/A	<b>Solubility</b>	Insoluble in cold water
<b>Freezing Point</b>	N/A	<b>Partition Coefficient</b>	N/A
<b>Boiling Point</b>	>200°F	<b>Auto-Ignition Temp.</b>	N/A
<b>Flash Point</b>	15.8°F (closed cup)	<b>Decomposition Temp.</b>	N/A
<b>Evaporation Rate</b>	N/A	<b>Viscosity</b>	N/A
<b>Flammability</b>	N/A	<b>Specific Gravity</b>	0.72

### Section 10. Stability and Reactivity

<b>Stability and Reactivity</b>	Stable
<b>Incompatibility</b>	Oxidizing materials
<b>Hazardous Polymerization</b>	Will not occur
<b>Hazardous Decomposition Products</b>	None
<b>Conditions to Avoid</b>	All sources of ignition

### Section 11. Toxicological Information

<b>Routes of Entry</b>	Dermal, Oral and Inhalation
<b>Symptoms</b>	Irritation
<b>Skin Irritant</b>	Yes
<b>Eye Irritant</b>	Yes
<b>Sensitizers</b>	Not determined
<b>Mutagenicity</b>	No information found
<b>Carcinogenicity</b>	None
<b>Reproductive Toxicity</b>	No information found
<b>Target Organs</b>	See section 2

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

#### Acute Toxicity

Test	Results	Basis
Dermal	3,000mg/kg	ATE determined beyond Category 4
Oral	15,000mg/kg	ATE determined beyond Category 4
Inhalation	No data	

### Section 12. Ecological Information

**Environmental Effects** No ecological information available

### Section 13. Disposal Considerations

**Waste Information** Dispose of in accordance with all Federal, State and Local pollution control regulations.

### Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	UN1206	Heptanes	3	PGII	FLAMMABLE LIQUID

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

### Section 15. Regulatory Information

**US Federal Regulations** The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313: None

The following substances have CERCLA reportable quantity values (in pounds):

**None**

**State Regulations** Heptane (142-82-5): Pennsylvania Right-to-Know  
New Jersey Right-to-know  
Massachusetts Right-to-know

### Section 16. Other Information

**Last Revision** 7/15/2016

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.