



# Material Safety Data Sheet

Revision Date 19-Mar-2014

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product code** P50155  
**Product name** RUSTY HT BRAKE PLATE LUBE 4OZ  
**Recommended Use** Lubricant  
**Supplier** Kent Automotive  
8770 W.Bryn Mawr Ave.- Suite 900  
Chicago, IL 60631  
1-866-529-7664  
**Emergency telephone number** (888) 426-4851

## 2. HAZARDS IDENTIFICATION

**Emergency Overview**  
Irritant.

### Aggravated Medical Conditions

Pre-existing skin conditions may be aggravated by exposure to this product.

### Principal Routes of Exposure

Ingestion.

### Potential health effects

**Eyes** Irritation.  
**Skin** Moderate irritation.  
**Inhalation** No information available.  
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Petroleum distillates, solvent-refined heavy naphthenic	64741-96-4	30-60
Copper	7440-50-8	5-10
Graphite	7782-42-5	1-5

## 4. FIRST AID MEASURES

**Eye contact** Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.  
**Skin contact** Wash area thoroughly with soap and water. Seek medical attention if irritation persists.  
**Ingestion** Do Not induce vomiting. Call a physician immediately.  
**Inhalation** Remove to fresh air. Seek medical attention if irritation persists.

## 5. FIRE FIGHTING MEASURES

**Flash point °C** 215  
**Flash point °F** 420  
**Method** Open cup

**Autoignition temperature °C** >232  
**Autoignition temperature °F** >450

### Flammability Limits (% in Air)

**Upper** No data available  
**Lower** No data available

### Suitable extinguishing media

Dry chemical powder. Water fog. Foam. Carbon dioxide (CO<sub>2</sub>).

### 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. Treat as a fuel oil fire .

### Sensitivity to shock

No information available.

### Sensitivity to static discharge

No information available.

## 6. ACCIDENTAL RELEASE MEASURES

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BRAKE PLATE LUBE 40Z**

**6. ACCIDENTAL RELEASE MEASURES**

**Methods for cleaning up**

Eliminate all sources of ignition. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs. Soak up with inert absorbent material. Wipe or scrape up and dispose of spill. Pick up and transfer to properly labelled containers. Use caution as spill may create a slip hazard.

**7. HANDLING AND STORAGE**

**Handling**

Remove and wash contaminated clothing before re-use. Discard contaminated leather gloves and shoes. Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities.

**Storage**

Do not store near sources of ignition.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Petroleum distillates, solvent-refined heavy naphthenic	-	-	-	-
Graphite	15 mg/m <sup>3</sup>	-	2 mg/m <sup>3</sup>	-
Copper	0.1 mg/m <sup>3</sup>	-	0.2 mg/m <sup>3</sup>	-

**Ventilation and Environmental Controls**

Normal ventilation is adequate.

**Hygiene measures**

Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. When using, do not eat, drink or smoke.

**Respiratory protection**

None necessary under normal conditions. Use NIOSH approved respirator if TLV limit is exceeded.

**Hand Protection**

The following glove(s) are recommended to prevent prolonged or repeated contact: Neoprene gloves. Nitrile rubber.

**Eye protection**

Safety glasses with side-shields. Goggles.

**Skin and body protection**

Chemical resistant apron. Boots.

**Other Protective Equipment**

Wear appropriate clothing to minimize skin contact. A safety shower and eye wash station should be available for emergency use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Form** Solid  
**Color** Copper

**Odor** Petroleum  
**Odor Threshold** No information available  
**pH** No data available  
**Specific Gravity** No data available  
**Vapor pressure** < 10 @ 25C  
**Vapor density** No data available  
**Evaporation Rate** No data available  
**Water solubility** No data available  
**Partition Coefficient (n-octanol/water)** No data available  
**Boiling point/range °C** No data available  
**Boiling point/range °F** No data available  
**Melting point/range °C** No data available  
**Melting point/range °F** No data available  
**Flash point °C** 215  
**Flash point °F** 420

**10. STABILITY AND REACTIVITY**

**Stability**

Stable.

**Conditions to avoid**

Do not use near welding arcs. Do not heat above flash point.

**Incompatibility**

Strong oxidizing agents.

**Hazardous Decomposition Products**

Carbon monoxide. Carbon dioxide. Metal oxide fumes.

**Polymerization**

Will not occur.

**11. TOXICOLOGICAL INFORMATION**

**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Petroleum distillates, solvent-refined heavy naphthenic 64741-96-4</i>	-	-	-
<i>Graphite 7782-42-5</i>	-	-	-
<i>Copper 7440-50-8</i>	-	-	-

**Synergistic Products** None known

**Potential health effects**

**Sensitization** None known

**Chronic toxicity** None known

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**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
Petroleum distillates, solvent-refined heavy naphthenic	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Graphite	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Copper	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Petroleum distillates, solvent-refined heavy naphthenic	Not Listed	Not Listed	Not Listed
Graphite	Not Listed	Listed	Not Listed
Copper	Not Listed	Listed	Not Listed

**International Inventories**

Chemical Name	EINECS	DSL	NDSL	TSCA
Petroleum distillates, solvent-refined heavy naphthenic	X	X	-	X
Graphite	X	X	-	X
Copper	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

**12. ECOLOGICAL INFORMATION**

Petroleum distillates, solvent-refined heavy naphthenic

**Water Flea Data**

*Daphnia magna* EC50>1000 mg/L (48 h)

Copper

**Water Flea Data**

*Daphnia magna* EC50=0.03 mg/L (48 h)

**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**

Not Regulated

**TDG**

Not Regulated

**15. REGULATORY INFORMATION**

Chemical Name	US EPA SARA 313 Emission Reporting
Copper	Listed

**State Regulations**

**16. OTHER INFORMATION**

**NFPA**

NFPA

**Health - 1**  
**Flammability - 1**  
**Reactivity - 0**

**HMIS**

HMIS

**Health - 1**  
**Flammability - 1**  
**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.