



# Safety Data Sheet

## Brake & Caliper Lubricant

### Section 1. Identification

Product Identifier Brake & Caliper Lubricant

Synonyms 49590

Manufacturer Stock Numbers 143493

Recommended use Refer to Technical Information

Uses advised against Refer to Technical Information

Manufacturer Contact

Address Dynatex *a division of* Soudal  
350 Ring Road  
Elizabethtown, KY, 42701  
USA

Phone  
(270) 769-3385

Emergency Phone  
(800) 424-9300  
CHEMTREC

Fax  
(270) 769-6418

### Section 2. Hazards Identification

Classification N/A

Signal Word

Pictogram

Hazard Statements N/A

Precautionary Statements

Response Collect spillage

Prevention Avoid release to the environment

Storage N/A

Disposal Dispose of contents/container in accordance with local / national regulations.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

No Data Available

## Section 3. Ingredients

CAS	Ingredient Name	Weight %
64742-52-5	Severely Hydrotreated Heavy Naphthenic Petroleum Oil	60% - 80%
7782-42-5	Graphite powder	20% - 35%

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-Aid Measures

Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion

If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Overview

Skin Contact: Usually no effect, however, as with any chemical, prolonged, excessive, or repeated exposure may cause mild to moderate skin irritation, exhibited by redness, drying and cracking of unprotected skin.

Eye Contact: May irritate with slight pain and redness.

Respiratory/ Inhalation: Usually none, however, as with any chemical product, some irritation may occur.

Ingestion: Amounts transferred to mouth by fingers, etc, during normal operation should not cause injury.

Medical conditions generally aggravated by exposure: None known, however any chemical product may enhance allergies already present in certain individuals. See section 2 for further details.

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Recommended extinguishing media; alcohol resistant foam, CO <sub>2</sub> , powder
Unsuitable Extinguishing Media	None known
Special hazards arising from the substance or mixture	Hazardous decomposition: Oxides of carbon and sulfur
Advice for fire-fighters	Air mask and procedures for fighting chemical fires. Do not inhale gases. Treat as an oil fire. Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

## Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Put on appropriate personal protective equipment (see section 8).
Environmental precautions	Do not allow spills to enter drains or waterways. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.
Methods and material for containment and cleaning up	Prevent material from entering floor drains, sewers, or any bodies of water. Scoop up into waste container or soak up with absorbent material. Store in a closed container until disposal.

## Section 7. Handling and Storage

Precautions for safe handling	No special precautions necessary if used properly. Avoid breathing vapors. Wash hands thoroughly at mealtime and end of shift. See section 2 for further details. - [Prevention]:
Conditions for safe storage, including any incompatibilities	Handle containers carefully to prevent damage and spillage. Isolated storage facility/ warehouse not required. Store in a cool, dry location (60-90°F) in a well-ventilated area in original container. Keep container tightly closed when not in use. Incompatible materials: Strong Oxidizing Agents, Strong Acids and Alkalis. See section 2 for further details. - [Storage]:

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Severely Hydrotreated Heavy Naphthenic Petroleum Oil	5 mg/m <sup>3</sup> oil mist	5 mg/m <sup>3</sup> oil mist	10 mg/m <sup>3</sup> oil mist
	Graphite powder	2.0 mg/m <sup>3</sup>	2.5 mg/m <sup>3</sup>	N/A
Personal Protective Equipment	N/A			
Note	Contains mineral oil. The exposure limits for oil mist are 5 mg/m <sup>3</sup> OSHA PEL and 10 mg/m <sup>3</sup> ACGIH.			
Carcinogen Data	Graphite (7782-42-5) OSHA: Not listed NTP: Not listed IARC: Not listed  Petroleum distillates, hydrotreated heavy naphthenic (64742-52-5) OSHA: Not listed NTP: Not listed IARC: Not listed			
Exposure controls	Respiratory No respiratory protection required, but normal good ventilation is recommended. Forced ventilation may be required if concentrations exceed normal use exposure.  Eyes Not required if application method is proper. Avoid contact with eyes.  Skin Wear overalls to keep skin contact to a minimum. Use impermeable gloves (neoprene, butyl rubber, natural rubber), as necessary to avoid skin contact, as well as proper clothing or plastic apron. Wash hands before eating, drinking, or using restroom.  Engineering Controls Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.  Other Work Practices Eye wash stations should be located within 100 feet or 10 second walk of the work area. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.			
	See section 2 for further details. - [Prevention]:			

## Section 9. Physical and Chemical Properties

Physical State	Paste
Color	Black
Odor	Mild, inoffensive
Odor Threshold	Not measured
Solubility	Insoluble in water
Partition coefficient Water/n-octanol	Not measured
VOC%	<0.1% (Organic solvents)
Viscosity	Not measured
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	350F
FP Method	COC
pH	Not determined
Melting Point	Not determined
Boiling Point	Not determined
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Not determined
Flammability	Not applicable
Decomposition Temperature	Not measured
Auto-ignition Temperature	Not measured
Vapor Pressure	Not available
Vapor Density	Not available

### Other information

#### Note

DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

The above information is not intended for use in preparing product specifications. Contact Soudal before writing specifications.

## Section 10. Stability and Reactivity

Reactivity	Hazardous Polymerization will not occur.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No data available.
Conditions to avoid	Incompatible with strong oxidizing agents
Incompatible materials	Strong Oxidizing Agents, Strong Acids and Alkalis.
Hazardous decomposition products	Oxides of carbon and sulfur

## Section 11. Toxicological Information

**Toxicological Information** Petroleum distillates, hydrotreated heavy naphthenic (64742-52-5)  
Oral LD50, mg/kg  
5000, Rat - Category: 5  
Skin LD50, mg/kg  
2000, Rabbit - Category: 4  
Inhalation Vapor LD50, mg/L/4hr  
No data available  
Inhalation Dust/Mist LD50, mg/L/4hr  
No data available  
Inhalation Gas LD50, ppm  
No data available

Graphite (7782-42-5)  
Oral LD50, mg/kg  
No data available  
Skin LD50, mg/kg  
No data available  
Inhalation Vapor LD50, mg/L/4hr  
No data available  
Inhalation Dust/Mist LD50, mg/L/4hr  
No data available  
Inhalation Gas LD50, ppm  
No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

**Hazards** Acute toxicity (oral)  
Not Applicable

Acute toxicity (dermal)  
Not Applicable

Acute toxicity (inhalation)  
Not Applicable

Skin corrosion/irritation  
Not Applicable

Serious eye damage/irritation  
Not Applicable

Respiratory sensitization  
Not Applicable

Skin sensitization  
Not Applicable

Germ cell mutagenicity  
Not Applicable

Carcinogenicity  
Not Applicable

Reproductive toxicity  
Not Applicable

STOT-single exposure  
Not Applicable

STOT-repeated exposure  
Not Applicable

Aspiration hazard  
Not Applicable

## Section 12. Ecological Information

### Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Toxic to aquatic life with long lasting effects.

#### Aquatic Ecotoxicity

Petroleum distillates, hydrotreated heavy naphthenic - (64742-52-5)

96 hr LC50 fish, mg/l

5,000, *Oncorhynchus mykiss*

48 hr EC50 crustacea, mg/l

1,000, *Daphnia magna*

ErC50 algae, mg/l

1,000 (96 hr), *Scenedesmus subspicatus*

Graphite - (7782-42-5)

96 hr LC50 fish, mg/l

Not available

48 hr EC50 crustacea, mg/l

	Not available
	ErC50 algae, mg/l
	Not available
Persistence and degradability	There is no data available on the preparation itself.
Bioaccumulative potential	Not measured
Mobility in soil	No data available
Results of PBT and vPvB assessment	This product contains no PBT/vPvB chemicals.
Other adverse effects	No data available

## Section 13. Disposal

Waste treatment methods	Observe all federal, state and local regulations when disposing of this substance.
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## Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not regulated
DOT Classification	None
Packing Group	Not applicable

## Section 15. Regulatory Information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act ( TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
US EPA Tier II Hazards	Fire: No Sudden Release of Pressure: No Reactive: No Immediate (Acute): No Delayed (Chronic): No
SARA	EPCRA 311/312 Chemicals and RQs (lbs): No product ingredients listed  EPCRA 302 Extremely Hazardous: (No Product Ingredients Listed)  EPCRA 313 Toxic Chemicals: No product ingredients listed
California Prop 65	This product does not contain any chemicals known to the State of California to cause cancer, birth or any other reproductive defects. For more information, go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>



State Regulations

N.J. RTK Substances (>1%):  
Graphite

PA RTK Substances (>1%):  
Graphite

## Section 16. Other Information

Revision Date

10/30/2019

Disclaimer

The data contained herein is based upon information that Soudal believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.