

PRODUCT NAME: ABRO Synthetic Brake & Caliper Grease
PRODUCT NUMBER/SIZE: BG-004-R / 4 grams

Revision Date: 07/11/2015

SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.
ADDRESS: 3580 Blackthorn Court
South Bend, IN 46628
USA
PRODUCT DESCRIPTION: Brake Lubricant
COMPANY PHONE: 574-232-8289
EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

SECTION 2 Hazards Identification

Classification:

Not Classified

Label Pictogram(s):

Signal Word: No Signal Word
Hazard Phrases: No known significant effects or critical hazards.
Precautionary Phrases: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Response: Not applicable
Storage / Disposal: Not applicable
Other:

SECTION 3 Composition/Information on Ingredients

SUBSTANCE/MIXTURE: Mixture
OTHER MEANS OF IDENTIFICATION: Not available.
CAS NUMBER/OTHER IDENTIFIERS
CAS NUMBER: Not applicable.
PRODUCT CODE: 10577

There are no additional ingredients present which, within the current knowledge of the supplier and in the

concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

SECTION 4 First Aid Measures

DESCRIPTION OF NECESSARY FIRST AID MEASURES

EYE CONTACT:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
INHALATION:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SKIN CONTACT:	Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.
INGESTION:	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

MOST IMPORTANT SYMPTOMS/EFFECTS (ACUTE AND DELAYED)

POTENTIAL ACUTE HEALTH EFFECTS

EYE CONTACT:	No known significant effects or critical hazards.
INHALATION:	No known significant effects or critical hazards.
SKIN CONTACT:	No known significant effects or critical hazards.
INGESTION:	No known significant effects or critical hazards.

OVER-EXPOSURE SIGNS/SYMPTOMS

EYE CONTACT:	No known significant effects or critical hazards.
INHALATION:	No known significant effects or critical hazards.
SKIN CONTACT:	No known significant effects or critical hazards.
INGESTION:	No known significant effects or critical hazards.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

NOTES TO PHYSICIAN:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SPECIFIC TREATMENTS:	No specific treatment.
PROTECTION OF FIRST-AIDERS:	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

SECTION 5 Fire Fighting Measures

EXTINGUISHING

MEDIA

SUITABLE Use dry chemical, CO₂, water spray (fog) or foam.

EXTINGUISHING

MEDIA:

UNSUITABLE

None known.

EXTINGUISHING

MEDIA:

SPECIFIC HAZARDS

No specific fire or explosion hazard.

ARISING FROM THE

CHEMICAL:

HAZARDOUS

Decomposition products may include the following materials:

THERMAL

Metal oxide/oxides

DECOMPOSITION

PRODUCTS:

SPECIAL PROTECTIVE

No special measures are required.

ACTIONS FOR FIRE-

FIGHTERS:

SPECIAL PROTECTIVE

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

EQUIPMENT FOR FIRE-

FIGHTERS:

SECTION 6
Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

**FOR NON-
EMERGENCY
PERSONNEL:**

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

**FOR EMERGENCY
RESPONDERS:**

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel."

**ENVIRONMENTAL
PRECAUTIONS:**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

SMALL SPILL:

Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

LARGE SPILL:

Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

SECTION 7
Handling and Storage

PRECAUTIONS FOR SAFE HANDLING

**PROTECTIVE
MEASURES:**

Put on appropriate personal protective equipment (see Section 8).

**ADVICE ON GENERAL
OCCUPATIONAL**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and

selected respirator.

SECTION 9 Physical and Chemical Properties

APPEARANCE

PHYSICAL STATE:	Semi-solid.
COLOR:	Translucent-white
ODOR:	Mild.
ODOR THRESHOLD:	Not available.
pH:	Not available.
MELTING POINT:	Not available.
BOILING POINT:	Not available.
FLASH POINT:	Open Cup: > 248.89°C (480°F) [Cleveland.]
BURNING TIME:	Not available.
BURNING RATE:	Not available.
EVAPORATION RATE:	Not available.
FLAMMABILITY (SOLID, GAS):	Not available.
LOWER AND UPPER EXPLOSIVE (FLAMMABLE) LIMITS:	Not available.
VAPOR PRESSURE:	Not available.
VAPOR DENSITY:	Not available.
RELATIVE DENSITY:	0.91 g/ml
SOLUBILITY:	Insoluble in the following materials: cold water hot water
PARTITION COEFFICIENT: N-OCTANOL/WATER:	Not available.
AUTO-IGNITION TEMPERATURE:	Not available.
DECOMPOSITION TEMPERATURE:	Not available.
SADT:	Not available.
VISCOSITY:	Not available.

SECTION 10 Stability and Reactivity

REACTIVITY:	No specific test data related to reactivity available for this product or its ingredients.
CHEMICAL STABILITY:	The product is stable.
POSSIBILITY OF HAZARDOUS REACTIONS:	Under normal conditions of storage and use, hazardous reactions will not occur.
CONDITIONS TO AVOID:	Welding
INCOMPATIBLE MATERIALS:	Reactive or incompatible with the following materials: oxidizing materials
HAZARDOUS DECOMPOSITION PRODUCTS:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological Information

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY:	There is no data available.
IRRITATION/CORROSION:	There is no data available.
SENSITIZATION:	There is no data available.
MUTAGENICITY:	There is no data available.
CARCINOGENICITY:	There is no data available.
REPRODUCTIVE TOXICITY:	There is no data available.
TERATOGENICITY:	There is no data available.
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE):	There is no data available.
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE):	There is no data available.
ASPIRATION HAZARD:	There is no data available.
INFORMATION ON THE LIKELY ROUTES OF EXPOSURE:	Ingestion.

POTENTIAL ACUTE HEALTH EFFECTS

EYE CONTACT:	No known significant effects or critical hazards.
INHALATION:	No known significant effects or critical hazards.
SKIN CONTACT:	No known significant effects or critical hazards.
INGESTION:	No known significant effects or critical hazards.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL, AND TOXICOLOGICAL CHARACTERISTICS

EYE CONTACT:	No known significant effects or critical hazards.
INHALATION:	No known significant effects or critical hazards.
SKIN CONTACT:	No known significant effects or critical hazards.
INGESTION:	No known significant effects or critical hazards.

DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT- AND LONG-TERM EXPOSURE

SHORT-TERM EXPOSURE:

POTENTIAL IMMEDIATE EFFECTS:	No known significant effects or critical hazards.
POTENTIAL DELAYED EFFECTS:	No known significant effects or critical hazards.

LONG-TERM EXPOSURE:

POTENTIAL IMMEDIATE EFFECTS:	No known significant effects or critical hazards.
POTENTIAL DELAYED EFFECTS:	No known significant effects or critical hazards.

POTENTIAL CHRONIC HEALTH EFFECTS

GENERAL:	No known significant effects or critical hazards.
CARCINOGENICITY:	No known significant effects or critical hazards.
MUTAGENICITY:	No known significant effects or critical hazards.
TERATOGENICITY:	No known significant effects or critical hazards.
DEVELOPMENTAL EFFECTS:	No known significant effects or critical hazards.
FERTILITY EFFECTS:	No known significant effects or critical hazards.

NUMERICAL MEASURES OF TOXICITY

ACUTE TOXICITY ESTIMATES

ROUTE:	ATE VALUE
Oral	35505.6 mg/kg

SECTION 12 Ecological Information

TOXICITY	There is no data available.
PERSISTENCE AND DEGRADABILITY:	There is no data available.
BIOACCUMULATIVE POTENTIAL:	There is no data available.
MOBILITY IN SOIL:	
SOIL/WATER PARTITION COEFFICIENT (K_{oc}):	Not available.
OTHER ADVERSE EFFECTS:	No known significant effects or critical hazards.

SECTION 13 Disposal Considerations

DISPOSAL METHODS: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.

SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, 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.

U.S. DOT	UN/ID Number:	Not Regulated
	Proper shipping name:	
	Hazard class:	
	Packing Group:	
	Exceptions:	
	Environmental Hazards:	
	Transport in Bulk:	
	Special Precautions:	
IMO/IMDG	UN/ID Number:	
	Proper shipping name:	
	Hazard class:	
	Packing Group:	

Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

ICAO/IATA UN/ID Number: Not Regulated
Proper shipping name:
Hazard Class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

Canada (TDG) UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

AERG: Not applicable.

SPECIAL PRECAUTIONS FOR USER: **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE: Not available.

SECTION 15 Regulatory Information

U.S. FEDERAL REGULATIONS:

TSCA 8(a) CDR EXEMPT/PARTIAL Not determined.

EXEMPTION:

UNITED STATES INVENTORY (TSCA 8b): All components are listed or exempted.

CLEAN AIR ACT SECTION 112(b) Not listed.

HAZARDOUS AIR POLLUTANTS (HAPs):

CLEAN AIR ACT SECTION 602 CLASS I Not listed.

SUBSTANCES:

CLEAN AIR ACT SECTION 602 CLASS II Not listed.
SUBSTANCES:

DEA LIST I CHEMICALS (PRECURSOR Not listed.
CHEMICALS):

DEA LIST II CHEMICALS (ESSENTIAL Not listed.
CHEMICALS):

SARA 302/304

COMPOSITION/INFORMATION ON No products were found.
INGREDIENTS:

SARA 304 RQ: Not applicable.
SARA 311/312

CLASSIFICATION: Not applicable.
COMPOSITION/INFORMATION ON No products were found.
INGREDIENTS:
STATE REGULATIONS
MASSACHUSETTS: None of the components are listed.
NEW YORK: None of the components are listed.
NEW JERSEY: None of the components are listed.
PENNSYLVANIA: None of the components are listed.
CALIFORNIA PROP. 65 No products were found.

INTERNATIONAL REGULATIONS

INTERNATIONAL LISTS: **Australia inventory (AICS):** All components listed or exempted.
China inventory (IECSC): All components are listed or exempted.
Korea inventory: All components are listed or exempted.
New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.
Philippines inventory (PICCS): All components are listed or exempted.

CHEMICAL WEAPONS CONVENTION LIST SCHEDULE I Not listed.
CHEMICALS:
CHEMICAL WEAPONS CONVENTION LIST SCHEDULE II Not listed.
CHEMICALS:
CHEMICAL WEAPONS CONVENTION LIST SCHEDULE Not listed
III CHEMICALS:

SECTION 16
Other Information

HAZARDOUS MATERIAL INFORMATION SYSTEM (U.S.A.)

Health: 0 **Flammability: 1** **Physical Hazards: 0**

NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.)

Health: 0 **Flammability: 1** **Instability: 0**

Caution: HMIS® and NFPA ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

The customer is responsible for determining the PPE code for this material

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable