

PRODUCT NAME: ABRO CV Joint Grease
PRODUCT NUMBER/SIZE: CV-503 / 3 oz.

Rev Date: 05/04/2015

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: CV Grease
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:

Eye irritant 2A

Label Pictogram(s):



Signal Word: Warning

Hazard Phrases: Causes serious eye irritation.

Precautionary Phrases: If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Wear eye protection / face protection. Wash thoroughly after handling.

Response: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention

Storage / Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

CLASSIFICATION SYSTEM

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

Health: 1

Fire: 1

Reactivity: 0

NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.) (SCALE 0 – 4)

Health: 1

Fire: 1

Reactivity: 0

OTHER HAZARDS:**RESULTS OF PBT AND vPvB ASSESSMENT:**

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3
Composition/Information on Ingredients**CHEMICAL
CHARACTERIZATION:**

Mixtures.

DESCRIPTION:

Mixture of the substances listed below with non-hazardous additions.

DANGEROUS COMPONENTS:

1317-33-5	Molybdenum disulphide	2.5 < 10 %
68457-79-4	Zinc dialkylthiophosphate	1 < 2.5 %

SECTION 4
First Aid Measures**DESCRIPTION OF NECESSARY FIRST AID MEASURES****AFTER
INHALATION:** Supply fresh air; consult doctor in case of complaints.**AFTER SKIN
CONTACT:** Generally the product does not irritate the skin.**AFTER EYE
CONTACT:** Rinse opened eye for several minutes under running water.**AFTER
SWALLOWING:** If symptoms persist, consult doctor.**INFORMATION FOR DOCTOR:****MOST IMPORTANT SYMPTOMS/EFFECTS
(ACUTE AND DELAYED)** No further relevant information available.**INDICATION OF ANY IMMEDIATE MEDICAL
ATTENTION AND SPECIAL TREATMENT
NEEDED:** No further relevant information available.**SECTION 5**
Fire Fighting Measures**EXTINGUISHING MEDIA****SUITABLE EXTINGUISHING
AGENTS:** Use fire-fighting measures that suit the environment.**SPECIFIC HAZARDS ARISING FROM
THE CHEMICAL:** No further relevant information available.**ADVICE FOR FIREFIGHTERS:**

PROTECTIVE EQUIPMENT:

No special measures required.

SECTION 6
Accidental Release Measures

**PERSONAL PRECAUTIONS,
PROTECTIVE EQUIPMENT,
AND EMERGENCY
PROCEDURES**

Not required.

**ENVIRONMENTAL
PRECAUTIONS:**

Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or
sewage system.
Do not allow to enter sewers/ surface or ground water.

**METHODS AND MATERIALS
FOR CONTAINMENT AND
CLEANING UP**

Absorb with liquid-binding material (sand, diatomite, acid binders,
universal binders, sawdust).

**REFERENCE TO OTHER
SECTIONS:**

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7
Handling and Storage

HANDLING

**PRECAUTIONS FOR SAFE
HANDLING:**

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

**INFORMATION ABOUT
PROTECTION AGAINST
EXPLOSIONS AND FIRES:**

No special measures required.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

STORAGE:

**REQUIREMENTS TO BE
MET BY STOREROOMS
AND RECEPTACLES:**

No special requirements.

**INFORMATION ABOUT
STORAGE IN ONE
COMMON STORAGE
FACILITY:**

Not required.

**FURTHER INFORMATION
ABOUT STORAGE
CONDITIONS:**

Keep receptacle tightly sealed.

SPECIFIC END USE(S):

No further relevant information available.

SECTION 8

Exposure Controls/Personal Protection

ADDITIONAL INFORMATION No further data; see item 7.
ABOUT DESIGN OF
TECHNICAL SYSTEMS:

CONTROL PARAMETERS

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

64742-65-0 DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC (50 – 100 %)

ACGIH TLV	Long-term value: 5 mg/m ³
OSHA PEL	Long-term value: 5 mg/m ³

64742-52-5 DISTILLATES (PETROLEUM), HYDRO-TREATED HEAVY NAPHTHENIC (2.5 < 10 %)

ACGIH TLV	Short-term value: 10 mg/m ³
	Long-term value: 5 mg/m ³
OSHA PEL	Long-term value: 5 mg/m ³

1317-65-3 CALCIUM CARBONATE (2.5 < 10 %)

NIOSH TOTAL DUST	Long-term value: 10 mg/m ³
OSHA TWA	Long-term value: 15 mg/m ³

1317-33-5 MOLYBDENUM DISULPHIDE (2.5 < 10 %)

PEL	Long-term value: 15* mg/m ³	* Total dust
TLV	Long-term value: 10* 3** mg/m ³ as Mo	* Inhalable fraction ** Respirable fraction

ADDITIONAL INFORMATION: The lists that were valid during the creation were used as basis.

EXPOSURE CONTROLS

PERSONAL PROTECTIVE EQUIPMENT:

GENERAL PROTECTIVE AND HYGIENIC MEASURES:

Keep away from foodstuffs, beverages, and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.

BREATHING EQUIPMENT:

In case of brief exposure or low pollution, use respiratory filter device.
In case of intensive or longer exposure, use respiratory protective
device that is independent of circulating air.

PROTECTION OF HANDS:

The glove material has to be impermeable and resistant to the
product/ the substance/ the preparation. Due to missing tests no
recommendation to the glove material can be given for the product/
the preparation/ the chemical mixture. Selection of the glove material
on consideration of the penetration times, rates of diffusion and the
degradation

MATERIAL OF GLOVES:

The selection of the suitable gloves does not only depend on the
material, but also on further marks of quality and varies from
manufacturer to manufacturer. As the product is a preparation of
several substances, the resistance of the glove material cannot be

calculated in advance and has therefore to be checked prior to the application.

PENETRATION TIME OF GLOVE MATERIAL:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

EYE PROTECTION:



Tightly sealed goggles.

SECTION 9 Physical and Chemical Properties

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

APPEARANCE:

FORM: Semi-Solid

COLOR: Grey

ODOR: Petroleum-like

ODOR THRESHOLD: Not determined.

pH: Not determined.

CHANGE IN CONDITION

MELTING POINT/ MELTING RANGE: Undetermined.

BOILING POINT/ BOILING RANGE: 370 °C (698 °F)

FLASH POINT: 235 °C (491 °F)

FLAMMABILITY (SOLID, GASEOUS): Not applicable.

IGNITION TEMPERATURE: > 315 °C (> 599 °F)

DECOMPOSITION TEMPERATURE: Not determined.

AUTO IGNITING: Product is not self-igniting.

DANGER OF EXPLOSION: Product does not present an explosion hazard.

EXPLOSION LIMITS

LOWER: Not determined.

UPPER: Not determined.

VAPOR PRESSURE: Not determined.

DENSITY AT 20 °C (68 °F): 1.08753 g/cm³ (9.075 lbs/gal)

RELATIVE DENSITY: Not determined.

VAPOR DENSITY: Not determined.

EVAPORATION RATE: Not determined.

SOLUBILITY IN / MISCIBILITY WITH WATER: Not miscible or difficult to mix.

PARTITION COEFFICIENT (N-OCTANOL/WATER): Not determined.

VISCOSITY

DYNAMIC: Not determined.

KINEMATIC: Not determined.

SOLVENT CONTENT

ORGANIC SOLVENTS: 0.0 %

SOLIDS CONTENT: 13.4 %

OTHER INFORMATION: No further relevant information available.

SECTION 10 Stability and Reactivity

REACTIVITY

CHEMICAL STABILITY:

THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED: No decomposition if used according to specifications.

POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reactions known.

CONDITIONS TO AVOID: No further relevant information available.

INCOMPATIBLE MATERIALS: No further relevant information available.

HAZARDOUS DECOMPOSITION PRODUCTS: No dangerous decomposition products known.

SECTION 11 Toxicological Information

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY:

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION ATE (ACUTE TOXICITY ESTIMATES)

Oral	LD50	23938 mg/kg (rat)
Dermal	LD50	89888 mg/kg (rabbit)
Inhalative	LC50/4 h	367 mg/l

68457-79-4 ZINC DIALKYTHIOPHOSPHATE

Oral	LD50	2000 – 5000 mg/kg (rat)
Dermal	LD50	> 2000 mg/kg (rabbit)

PRIMARY IRRITANT EFFECT

ON THE SKIN: No irritant effect.

ON THE EYE: Irritating effect.

SENSITIZATION: No sensitizing effects known.

ADDITIONAL TOXICOLOGICAL INFORMATION: The product shows the following dangers according to internally-approved calculation methods or preparations:
Irritant.

CARCINOGENIC CATEGORIES:

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER)

9002-88-4	High-Density Polyethylene Polymer	3
14808-60-7	Quartz (SiO ₂)	1

NTP (NATIONAL TOXICOLOGY PROGRAM)

14808-60-7	Quartz (SiO ₂)	K
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OSHA-CA (OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION)

None of the ingredients are listed.

SECTION 12 Ecological Information

TOXICITY

AQUATIC TOXICITY: No further relevant information available.

PERSISTENCE AND DEGRADABILITY: No further relevant information available.

BEHAVIOR IN ENVIRONMENTAL SYSTEMS

BIOACCUMULATIVE POTENTIAL: No further relevant information available.

MOBILITY IN SOIL: No further relevant information available.

ADDITIONAL ECOLOGICAL INFORMATION

GENERAL NOTES: Not known to be hazardous to water.

RESULTS OF PBT AND vPvB ASSESSMENT

PBT: Not applicable.

vPvB: Not applicable.

OTHER ADVERSE EFFECTS: No further relevant information available.

SECTION 13 Disposal Considerations

WASTE TREATMENT METHODS

RECOMMENDATION: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

UNCLEANED PACKAGINGS

RECOMMENDATION: Disposal must be made according to official regulations.

SECTION 14 Transport Information

	DOT CLASSIFICATION	ADN	IMDG	IATA
UN NUMBER:	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN PROPER SHIPPING NAME:	Not regulated.	Not regulated.	Not regulated.	Not regulated.
TRANSPORT HAZARD CLASS(ES):	Not regulated.	Not regulated.	Not regulated.	Not regulated.
PACKING GROUP:	Not regulated.	Not regulated.	Not regulated.	Not regulated.
ENVIRONMENTAL HAZARDS – MARINE POLLUTANT:	No.	No.	No.	No.

SPECIAL PRECAUTIONS FOR USER: Not applicable.

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

UN "MODEL REGULATION": ---

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

SARA

SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES):
SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):
TSCA (TOXIC SUBSTANCES CONTROL ACT):

None of the ingredients are listed.
68457-79-4 Zinc 1 - < 2.5 %
Dialkylthiophosphate
All ingredients are listed.

PROPOSITION 65:

CHEMICALS KNOWN TO CAUSE CANCER:
CHEMICALS KNOWN TO CAUSE REPRODUCTIVE TOXICITY FOR FEMALES:
CHEMICALS KNOWN TO CAUSE REPRODUCTIVE TOXICITY FOR MALES:
CHEMICALS KNOWN TO CAUSE DEVELOPMENTAL TOXICITY:

14808-60-7 Quartz (SiO₂)
None of the ingredients are listed.
None of the ingredients are listed.
None of the ingredients are listed.

CARCINOGENIC CATEGORIES

EPA (ENVIRONMENTAL PROTECTION AGENCY):
TLV (THRESHOLD LIMIT VALUE ESTABLISHED BY ACGIH)
NIOSH-CA (NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH):

None of the ingredients are listed.
14808-60-7 Quartz (SiO₂) A2
14808-60-7 Quartz (SiO₂)

GHS LABEL ELEMENTS:

The product is classified and labeled according to the Globally Harmonized System (GHS).

HAZARD PICTOGRAMS:



GHS07

SIGNAL WORD:

Warning.

HAZARD STATEMENTS:

Causes serious eye irritation.

PRECAUTIONARY STATEMENTS:

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Wear eye protection / face protection.
Wash thoroughly after handling.
If in eyes: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do.
Continue rinsing.
If eye irritation persists: Get medical advice/attention.
A Chemical Safety Assessment has not been carried out.

CHEMICAL SAFETY ASSESMENT:

SECTION 16

Other Information

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