



GAP PROFESSIONAL PRODUCTS

Safety Data Sheet Extreme Ceramic Brake Lube

SECTION 1: Identification

1.1 GHS Product identifier

Product name	Extreme Ceramic Brake Lube
Product number	68020
Brand	GAP Professional Products

1.3 Recommended use of the chemical and restrictions on use

Brake parts and caliper Lube

1.4 Supplier's details

Name	GAP Professional Products
Address	122 Route 105 Keswick Ridge NB E6L 1B1 Canada
Telephone	(506) 363-9708
Fax	(506) 363-4241
email	info@gapauto.com

1.5 Emergency phone number

For Medical or Transport Emergencies / Pour les urgences médicales ou de transport
CANUTECH (24 Hours)
(613) 996-6666

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: WHMIS 2015

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

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Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Component	Concentration
TITANIUM DIOXIDE (CAS no.: 13463-67-7)	0.1 - 0.5 % (weight)
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

Trade secret statement (OSHA 1910.1200(i))

80100362-5004P	1 to 5%
80100362-5014P	1 to 5%
80100362-5018P	0.1 to 2.0%
80100362-5061P	20 to 60%
80100362-5064P	0.1 to 2.0%
80100362-5008P	20 to 60%
80100362-5107P	0.1 to 2.0%
80100362-5013P	1 to 10%
80100362-5075P	1 to 5%

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get medical attention
In case of skin contact	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician if irritation persist.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lens if present. Continue rinsing eyes during transport to hospital.
If swallowed	DO NOT INDUCE VOMITING. Call physician immediately. If conscious give lots of water or milk. Do not give anything by mouth to an unconscious or convulsing person.
Personal protective equipment for first-aid responders	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Wear personal protective clothing (see section 8).

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4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Regular foam, waterfog, carbon dioxide or dry chemical. Keep containers cool with water spray using fog nozzles.

5.2 Specific hazards arising from the chemical

None in particular

5.3 Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes and skin. Use personal protective equipment as required.

6.2 Environmental precautions

Should not be released into the environment. See Section 12 for additional ecological information.

6.3 Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up -

Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Put on appropriate personal equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Keep in original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials(see Section 10) and food and drink. Do not store under freezing conditions or above 49 C (120 F). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. . Keep out of reach from children.

Specific end use(s)

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

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Titanium dioxide - Total dust (CAS: 13463-67-7)

PEL (Inhalation): 15 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): See PNOR (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): Ca, (ultrafine particles), 2.4 mg/m³ (fine), 0.3 mg/m³ (ultrafine), See Appendix A, See Appendix C (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Showers, eyewash stations, and ventilation systems should be present and in good working order. Wash hands before breaks and at the end of workday.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Recommended: Wear safety glasses with side shields (or goggles).

Skin protection

Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves.

Body protection

Skin Protection: Protective gloves (for hands). Long sleeve shirts and pants should be worn to protect exposed skin.

Respiratory protection

Recommended: Dust mask or Respirator should be worn if product is used in confined space or used for a prolonged period of time.

SECTION 9: Physical and chemical properties

Appearance, such as physical state and colour	Purple Paste
Odour	Neutral
Odour threshold	N/A
pH	N/A
Melting point and freezing point	N/A
Initial boiling point and boiling range	N/A
Flash point	(ASTM D-92) C.O.C. > 500°F
Evaporation rate	N/A
Flammability, in the case of solids and gases	N/A
Upper and lower flammability or explosive limits	N/A
Vapour pressure	N/A
Vapour density	N/A
Relative density	0.9
Solubility	Insoluble
Partition coefficient — n-octanol/water	N/A
Auto-ignition temperature	N/A
Decomposition temperature	N/A

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Viscosity Thick Paste

Additional properties

Colour	Purple
Explosive properties	N/A
Oxidising properties	N/A

SECTION 10: Stability and reactivity

10.1 Reactivity

None under normal use conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal use conditions

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Avoid contact with acids and strong oxidizers such as permanganate, chlorine, ectoderm. Do not store near acids, carbon dioxide (CO₂), and strong oxidizers such as permanganate, chlorine, ectoderm.

Acetone: Bases, Oxidizing agents, Reducing agents, Acetone reacts violently with phosphorous oxychloride.

10.6 Hazardous decomposition products

After water evaporates, burning may produce oxides of carbon, traces of sulfur and nitrogen oxides and various hydrocarbons

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

May cause skin irritation and/or dermatitis.

Serious eye damage/irritation

Can cause severe irritation, redness, tearing, blurred vision.

Respiratory or skin sensitization

Excessive inhalation of vapors can cause nasal and respiratory irritation and central nervous system effects including dizziness, weakness, fatigue, nausea, headache and possibleunconsciousness.

Germ cell mutagenicity

No data available

Carcinogenicity

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Carcinogenicity: Ingredients not listed by OSHA, NTP, IARC.

Reproductive toxicity

No data available

Summary of evaluation of the CMR properties

Not Available

Specific target organ toxicity (STOT) - single exposure

Primary route of entry: A) Skin B) Inhalation

Specific target organ toxicity (STOT) - repeated exposure

Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to product.

Additional information

TITANIUM DIOXIDE: *TOXICITY:
typ. dose mode specie amount units other
Not available

*AQTX/TLM96: Not available

*SAX TOXICITY EVALUATION:

THR: An experimental carcinogen, neoplastigen and tumorigen. A human skin irritant. A common air contaminant and nuisance dust.

*CARCINOGENICITY:

Tumorigenic Data:

TCLo: ihl-rat 250 mg/m³/6H/2Y-I

TDLo: ims-rat 360 mg/kg/2Y-I

TD : ims-rat 260 mg/kg/84W-I

Review: IARC Cancer Review: Human Inadequate Evidence

IARC Cancer Review: Animal Limited Evidence

IARC: Not classifiable as a human carcinogen (Group 3) [610]

Status: NCI Carcinogenesis Bioassay (Feed); Negative: Male and Female Rat, Male and Female Mouse [015,620]

*MUTATION DATA: Not available

*TERATOGENICITY: Not available

*STANDARDS, REGULATIONS & RECOMMENDATIONS:

OSHA: Federal Register (1/19/89) and 29 CFR 1910.1000 Subpart Z

Transitional Limit: PEL-TWA 15 mg/m³ (total dust) [015,327,545,610]

Final Limit: PEL-TWA 10 mg/m³ (total dust) [015,545,610]

ACGIH: TLV-TWA 10 mg/m³ (for total dust containing no asbestos and less than 1% crystalline silica) [610]

NIOSH: None

NFPA Hazard Rating: Health (H): None

Flammability (F): None

Reactivity (R): None

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*OTHER TOXICITY DATA:

Skin and Eye Irritation Data:

skn-hmn 300 ug/3D-I MLD

Status: EPA TSCA Chemical Inventory, 1986

EPA Genetox Program 1988, Negative: Carcinogenicity-mouse/rat; Cell transform.-SA7/SHE

EPA TSCA Section 8(e) Status Report 8EHQ-1083-0497

EPA TSCA Test Submission (TSCATS) Data Base, September 1989

SECTION 12: Ecological information

Toxicity

ECOTOXICOLOGICAL INFORMATION: Not Available ENVIROMENTAL DATA: No known significant effects or critical hazards

ECOTOXICOLOGICAL INFORMATION: Not Available

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Results of PBT and vPvB assessment

No information available.

Other adverse effects

No information available.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Dispose of accordance in local, and provincial regulations for solvent materials.

Packaging disposal

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: Transport information

14.1	UN Number	None
14.2	UN Proper Shipping Name	None
14.3	Transport hazard class(es)	None
14.4	Packing group	None
14.5	Environmental hazards	None
14.6	Special precautions for user	None
14.7	Transport in bulk according to IMO instruments	None

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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Canadian Domestic Substances List (DSL)

New Jersey Right To Know Components

Common name: TITANIUM DIOXIDE

CAS number: 13463-67-7

Pennsylvania Right To Know Components

Chemical name: Titanium oxide

CAS number: 13463-67-7

SECTION 16: Other information

16.1 Further information/disclaimer

These SDS are written in an effort to provide information to the worker in the workplace and in such a way it can be understood. To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

16.2 Preparation information

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