



**SAFETY DATA SHEET**  
**ZGB00QBRG500NW BRAKE CALIPER GREASE 500ML**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name ZGB00QBRG500NW BRAKE CALIPER GREASE 500ML  
Product No. 003098000011

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Identified uses Grease

**1.3. Details of the supplier of the safety data sheet**

Supplier Volkswagen Group UK Limited  
Yeomans Drive  
Blakeland  
Milton Keynes  
MK14 5AN  
+44 (0) 800 333666

**1.4. Emergency telephone number**

National Emergency Telephone Number  
Hazchem line: 0044 (0) 7970 779978

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

Classification (EC 1272/2008)

Physical and Chemical Hazards	Flam. Aerosol 1 - H222
Human health	Skin Irrit. 2 - H315; STOT SE 3 - H336
Environment	Aquatic Chronic 2 - H411

**2.2. Label elements**

Label In Accordance With (EC) No. 1272/2008



Signal Word Danger

Hazard Statements

H222	Extremely flammable aerosol.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Statements

P102	Keep out of reach of children.
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P271	Use only outdoors or in a well-ventilated area.
P261	Avoid breathing vapour/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P501	Dispose of contents/container in accordance with local regulations.

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## Supplementary Precautionary Statements

P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
P264	Wash contaminated skin thoroughly after handling.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P332+313	If skin irritation occurs: Get medical advice/attention.
P410+412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

## Supplemental label information

SOL021	Contains:
H229	Hydrocarbons, C6 - C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane
	Pressurised container: May burst if heated

## 2.3. Other hazards

None noted

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

BUTANE	10-30%	
CAS-No.: 106-97-8	EC No.: 203-448-7	Registration Number: Exempt - Naturally occurring
Classification (EC 1272/2008) Flam. Gas 1 - H220	Classification (67/548/EEC) F+;R12	
HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE	30-60%	
CAS-No.:	EC No.: 921-024-6	Registration Number: 01-2119475514-35-XXXX
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. Xi;R38. F;R11. N;R51/53. R67.	
ISOBUTANE	1-5%	
CAS-No.: 75-28-5	EC No.: 200-857-2	Registration Number: Exempt - Naturally occurring
Classification (EC 1272/2008) Flam. Gas 1 - H220	Classification (67/548/EEC) F+;R12	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### Inhalation

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

#### Ingestion

DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

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Skin contact

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

## **4.2. Most important symptoms and effects, both acute and delayed**

General information

Not applicable

## **4.3. Indication of any immediate medical attention and special treatment needed**

Not applicable

## **SECTION 5: FIREFIGHTING MEASURES**

### **5.1. Extinguishing media**

Extinguishing media

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

### **5.2. Special hazards arising from the substance or mixture**

Unusual Fire & Explosion Hazards

Aerosol cans may explode in a fire.

### **5.3. Advice for firefighters**

Special Fire Fighting Procedures

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Not applicable

### **6.2. Environmental precautions**

Not applicable

### **6.3. Methods and material for containment and cleaning up**

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

### **6.4. Reference to other sections**

Not applicable

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

### **7.2. Conditions for safe storage, including any incompatibilities**

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
BUTANE	WEL	600 ppm	1450 mg/m3	750 ppm	1810 mg/m3	
HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE			1200 mg/m3	60 ppm	216 mg/m3	

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WEL = Workplace Exposure Limit.

## **8.2. Exposure controls**

Protective equipment



Engineering measures

Provide adequate general and local exhaust ventilation.

Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge.

Hand protection

Use protective gloves.

Eye protection

Use approved safety goggles or face shield.

Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1. Information on basic physical and chemical properties**

Appearance	Aerosol.
Colour	Typical
Odour	Characteristic.
Flammability Limit - Lower(%)	0.8
Flammability Limit - Upper(%)	9.0

### **9.2. Other information**

Not determined.

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1. Reactivity**

Not determined

### **10.2. Chemical stability**

Stable under normal temperature conditions.

### **10.3. Possibility of hazardous reactions**

Not determined.

### **10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.

### **10.5. Incompatible materials**

Materials To Avoid

See section 10.4

### **10.6. Hazardous decomposition products**

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

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## Inhalation

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. Irritating to respiratory system.

## Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

## Skin contact

Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause allergic contact eczema. May cause sensitisation by skin contact. Irritating to skin.

## Eye contact

Irritating to eyes. May cause chemical eye burns.

## Route of entry

Inhalation. Skin and/or eye contact.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

Dangerous for the environment if discharged into watercourses.

### **12.1. Toxicity**

Not applicable

### **12.2. Persistence and degradability**

Not applicable

### **12.3. Bioaccumulative potential**

Bioaccumulative potential

No data available on bioaccumulation.

### **12.4. Mobility in soil**

Mobility:

Not determined

### **12.5. Results of PBT and vPvB assessment**

Not applicable

### **12.6. Other adverse effects**

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

### General information

Dispose of in accordance with Local Authority guidelines.

### **13.1. Waste treatment methods**

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### **14.1. UN number**

UN No. (ADR/RID/ADN) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

### **14.2. UN proper shipping name**

Proper Shipping Name AEROSOLS

**14.3. Transport hazard class(es)**

ADR/RID/ADN Class	2
ADR/RID/ADN Class	Class 2: Gases
ADR Label No.	2.1
IMDG Class	2.1
ICAO Class/Division	2.1
Transport Labels	



**14.4. Packing group**

ADR/RID/ADN Packing group	Not Applicable
IMDG Packing group	Not Applicable
ICAO Packing group	Not Applicable

**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant  
No.

**14.6. Special precautions for user**

EMS F-D, S-U

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

**SECTION 15: REGULATORY INFORMATION**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Statutory Instruments  
 The Aerosol Dispensers (Amendment) Regulations 2014 No.1130  
 Guidance Notes  
 Workplace Exposure Limits EH40.  
 Introduction to Local Exhaust Ventilation HS(G)37.  
 EU Legislation  
 The Aerosol Dispensers Directive 1975/324 EEC  
 Regulation (EC) No.1272/2008 The Classification, Labelling and Packaging of substances and mixtures Regulations  
 Regulation (EC) No. 1907/2006 The Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations (REACH)  
 2001/95/EC The General Product Safety Directive (GPSD)  
 Commission Regulation (EU) 2015/830 Requirements for the compilation of safety data sheets (amending REACH)  
 Authorisations (Title VII Regulation 1907/2006)  
 No specific authorisations are noted for this product.  
 Restrictions (Title VIII Regulation 1907/2006)  
 No specific restrictions of use are noted for this product.

**15.2. Chemical Safety Assessment**

**SECTION 16: OTHER INFORMATION**

Revision Date	11/10/2018
Revision	3
Supersedes date	27/08/2015

## ZGB00QBRG500NW BRAKE CALIPER GREASE 500ML

### Hazard Statements In Full

H220 Extremely flammable gas. , H222 Extremely flammable aerosol. , H225 Highly flammable liquid and vapour. , H304 May be fatal if swallowed and enters airways. , H315 Causes skin irritation. , H336 May cause drowsiness or dizziness. , H411 Toxic to aquatic life with long lasting effects.