SAFETY DATA SHEET

According to the 'T.R. Ministry of Environment and Urbanization, Regulation on Registration, Evaluation, Permit and Restriction Of Chemicals, Annex-2' (No. 30105, dated 23 June 2017)

Name of the Substance / Mixture: BSG STEERING OIL GREEN **Date of issue: 03/01/2025**

1. Definition of the Substance / Mixture and of the Company / Supplier

1.1 Definition of the Substance / Mixture:

Product Name: BSG STEERING OIL GREEN

1.2 Use of the substance / mixture and any non-recommended uses: 1.3 Definition of the Company:

Producer Manufacturer

Name: Başbuğ Oto Yedek Parça San. th. İh· Tic. A.Ş

Address: Atatürk Mh, Orhan Veli Cad., No:19 Kıraç Mevkii Esenyurt /İSTANBUL/ TÜRKİYE

Tel: +90212 886 90 60

Related Person:

1.4 Emergency Telephone Number: 114 (UZEM)

2. Hazard identification

2.1. Physical Hazard: Not classified as dangerous

Health Hazards: Not classified as dangerous in the intended use. **Environmental Hazard:** Not likely to be harmful to aquatic organisms. **2.2 Label Elements:**



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3. Composition/information on ingredients

PRODUCT NAME	CAS NO	EC No	Concentration (%)	Classification
Lubricating Oils (petroleum) Base oils; undefined	74869-22-0	278-012-2	100	Unclassified

4. DEFINITION

Power Steering Fluid consists of highly refined mineral oils and a high-performance additive system.

BENEFITS

- **Helps eliminate leaks and excessive noise.**
- **Compatible with all system materials.**
- **Protects system components against wear.**
- **Provides protection against deposit formation and evaporation losses at high operating temperatures.**

TYPICAL PROPERTIES

Viscosity 100°C , mm²/s,
ASTM D 445 Limit Viscosity 40°C , mm²/s,
ASTM D 445 5,9-7,5 - Viscosity Index,
ASTM D 2270 Pour Point °C ,
ASTM D 97 Min 135 Max -40 Density, g/ml, @15°C,
ASTM D 4052 Flash Point °C,
ASTM D 92 0,886-0,888 Min 210
Color Green

First aid measures:

After Inhalation: If the mixture is inhaled, remove to fresh air, if not breathing artificial respiration should be done. If breathing is difficult, oxygen should be given. Get medical attention if symptoms occur.

After Skin Contact: In case of skin contact, remove contaminated clothing and shoes, wash with plenty of water for at least 15 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur.

After Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

After swallowing: If swallowed, DO NOT ATTEMPTS TO VUSE THE PERSON. Plenty of water from the mouth if conscious gives. Never give anything if the consciousness is closed. Get medical attention if symptoms occur.

First Signs for Medical Intervention and Special Treatment: -

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing Media: Fog, carbon dioxide, dry chemical, foam

Unsuitable extinguishing Media: Do not use water.

5.2 Special Damages Caused by the Product: As a result of combustion it may form a mixture of carbon monoxide, sulfur oxides, organic and inorganic compounds, solid particles and gases.

5.3 Special protective actions for fire-fighters: Positive pressures, full face mask breathing apparatus and protective clothing.

6. Accidental release measures

6.1 Personal Protective Measures: Remove sources of ignition, skin and eye contact should be prevented, use personal impermeable gloves and boots.

6.2 Environmental Measures: Measures should be taken to prevent penetration into channels, surface and ground water, soil, if this is not possible, inform the local authorities. Spilled product must be collected by qualified personnel.

6.3 Methods and materials for containment and cleaning up: Suitable with soil, sand and similar materials creating a barrier to the environment of oil do not mix. Perform oil recovery with suitable absorbent materials and clean from surface. Dispose of materials in accordance with local laws.

6.4 Citations to Other Section: -

7. Handling and storage

7.1 Handling: Avoid breathing vapor during use, good ventilation should be provided in the working environment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Spilled materials should be controlled by appropriate methods and disposed of in accordance with local laws.

Protective measures for safe handling of the substance / mixture: -

Technical measures for environmental protection: -

7.2 Conditions for safe storage, including any incompatibilities: Robust retaining walls should be located in dry storage areas with good ventilation. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Keep away from strong oxidizing materials. Ignition precautions should be taken during filling and evacuation. Pumps etc. to prevent the accumulation of static electricity. Equipment should be grounded. Store at temperatures between 0 and 45°C.

7.3 Specific End Use: Danger of ignition if the product comes into contact with hot surfaces. Cutting, drilling and welding operations should not be performed.

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8 Exposure Controls/Personal Protection

8.1 Control Parameters: In this document, The American Conference of Governmental Industrial Hygienists (ACGIH) value is given for information only.

Material	Type	Limit	Unit	Source
Mineral Oil Mist	TWA	5	mg/m3	ACGIH
	STEL	10	mg/m3	ACGIH

8.2 Exposure Controls: In environments where matter becomes mist, in the air increasing concentrations of the resulting concentrations are higher, enough ventilation is required.

8.2.1 Appropriate Engineering Controls

8.2.2 Personal Protective Equipment

Respiratory protection: Respiratory protection is not required under normal conditions of use and adequate ventilation. If the concentrations of pollutants carried in the air are not kept sufficient to protect the health of the worker, wear protective breathing apparatus in accordance with current regulations.

Eye / Face Protection: If it is contact, safety glasses with side shields should be used. If it is splash face mask should be used.

Skin Protection: Skin contact should be minimized. Skin protection under normal conditions no special measures are required to.

Hand Protection: Chemical protection can be achieved by using PVC, neoprene or nitrile gloves. Gloves should be worn when hands are clean. Hands should be washed and dried thoroughly after wearing gloves.

Thermal Damages: -

8.2.3 Environmental Exposure Control: Prevent spread to environment according to regulations disposal procedures should be carried out.

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9. Physical and chemical properties

9.1 Information on Basic Physical and Chemical Properties

Appearance	
Physical state	Liquid.
Color	Green
Odor	Not available.
Odor threshold	Not available.

9.2 Other

information pH:

Not available.

Boiling Point: Not available

Pour point: -

Flash point: -

Upper / lower Flammability or Explosion limits: Not available

Auto-ignition temperature: Not available

Vapour pressure: Not available

Density: 0,886-0,888 g/cm³

Water solubility: -

n-octanol/water partition coefficient (log Pow): -

Viscosity 100 °C: 5,9-7,5 mm²/s

Viscosity 40 °C: -

Electrical conductivity: This material is not expected to be a static accumulator.

Evaporation rate (nBuAc=1): Not available

9. Stability and reactivity

a. **Reactivity:** No specific test data available for this product. Refer to Conditions to avoid and Incompatible materials for additional information.

b. **Chemical stability:** The product is stable.

c. **Possibility of hazardous reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.

d. **Conditions to avoid:** Direct sunlight and extreme heat levels.

e. **Incompatible materials:** Reactive or incompatible with the following materials: oxidizing materials.

f. Hazardous decomposition products: -

11. Toxicological Information

g. Information on toxic effects:
Eye contact: Causes temporary blindness if accidental eye contact.
Skin contact: Prolonged or repeated contact causes skin irritation.

12. Ecological Information

h. **Ecotoxicity:** It does not harm aquatic organisms. Spills film on water surface prevents oxygen transfer by forming a layer.

i. **Persistence and degradability:** It has the ability to accumulate in the soil.

j. Bioaccumulative potential:

k. Mobility in soil:

l. Results of PBT and vPvB assessment:

m. **Other adverse effects:** Spilled product causes contamination of groundwater.

13 Disposal considerations

13.1. Waste treatment methods: It must be disposed of according to current legislation. Do not throw in the sewer or environment.

Disposal of packages: Hand over to a qualified collector or subcontractor in accordance with applicable legislation. Do not take any action on packages like cutting, drilling, grinding and so on.

14. Transport Information

14.1. UN Number: -

14.2. UN proper shipping name: -

14.3. Transport hazard class(es): -

14.4. Packing group: -

14.5. Environmental hazards: -

14.6. Special precautions for user: -

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code: -

10. Regulatory information

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

11. Other information

H302 Harmful if swallowed.
H304 Cuts airways and cuts if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 It causes allergic skin reactions.
H319 Causes serious eye irritation.
H330 It is fatal if inhaled.
H335 May cause respiratory irritation
H400 Very toxic to aquatic animals.
H410 Very toxic to aquatic animals with long lasting effects.
H412 Harmful to aquatic animals with long lasting effects.