



SAFETY DATA SHEET BS 2 & 3 GELS

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1. IDENTIFICATION OF THE SUBSTANCES/PREPARATION AND THE COMPANY

1.1 Product Name: BS 2 & 3 GELS

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

PRODUCT USE LUBRICATION OF BRICK KILN TROLLEY WHEEL AND HEAVILY LOADED PLAIN BEARING AND JOINTS

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

SUPPLIER SLIPSTREAM
72A PARKER ROAD
HASTINGS
EAST SUSSEX
TN34 3TT

Email: slipstreamlubricants@btconnect.com

1.4 EMERGENCY TELEPHONE NUMBER:

00447786624767 (24 hour)

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

CLASSIFICATION (1999/45/EC) Not classified as hazardous.

2.2 LABEL ELEMENTS

NOT REQUIRED

2.3 OTHER HAZARDS

HEALTH HAZARD
NOT HAZARDOUS TO HEALTH

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL COMPOSITION: Synthetic hydrocarbons together with molybdenum disulphide and other additives.

4. FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

EYES Flush thoroughly with large amounts of running water for at least 15 minutes and obtain medical attention if irritation persists.

SKIN Wash with soap and water. DO NOT use petrol or solvents. Infrequent or short term contact requires no immediate action. If a high pressure injection injury has occurred, obtain medical attention immediately.

INGESTION Not expected to be a problem with this type of product. If appreciable quantity is swallowed, drink one or two glasses of water or milk and seek medical aid. DO NOT induce vomiting. The danger here is possible aspiration of vomited product into the lungs.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED.

SKIN Not expected to be a problem with this type of product

EYES May cause irritation and redness.

INHALATION Not expected to be a problem with any foreseeable use/misuse of this product.

INGESTION Not expected to be a problem with this type of product

5. FIRE FIGHTING MEASURES

- 5.1 EXTINGUISHING MEDIA: Alcohol-resistant foam, Dry powder, Carbon dioxide (CO₂), water fog.
- UNSUITABLE EXTINGUISHING MEDIA Water jets
- 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE
In combustion emits flumes of carbon monoxide (CO) and carbon dioxide (CO₂)
- 5.3 ADVICE FOR FIRE-FIGHTERS Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES**6.1 PERSONAL PRECAUTIONS, PROTECTION EQUIPMENT AND EMERGENCY PROCEDURES**

Personal precautions .See Section 8 Exposure Control/ Personal Protection.

6.2 ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, surface and ground water.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Scrape up or absorb onto inert material for disposal according to national or local Regulations for oily waste.

6.4 REFERENCE TO OTHER SECTIONS: See Section 4 First aid Measures and Section 10 Stability and Reactivity.**7. HANDLING AND STORAGE****7.1 PRECAUTIONS FOR SAFE HANDLING**

No special precautions normally required but avoid contact with eyes and unnecessary contact with skin. **DO NOT SMOKE.** SEE SECTION 11.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES.

Store in suitable labelled containers in a well-ventilated and dry area away from sources of direct heat. Keep containers closed when not in use. Store below 40 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 CONTROL PARAMETERS** No official exposure limit for this material.**8.2 EXPOSURE CONTROL**

Respiratory protection	Not normally required
Hand protection	Wear protective gloves
Eyes protection	Wear goggles or safety glasses with side shields.
Skin protection	Short term exposure is not considered hazardous. If prolonged contact is envisaged wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Homogeneous black gel
COLOUR	Black
ODOUR	Characteristic.
EVAPORATION RATE	Negligible
MELTING / FREEZING POINT	Does not melt -50°C
BOILING POINT RANGE	>220°C (base oil)
FLASH POINT	255°C
AUTO IGNITION TEMPERATURE	310°C
DENSITY	0.85 - 0.95 G/CM ³
SOLUBILITY IN WATER	INSOLUBLE
VISCOSITY	HIGHLY VISCOUS

9.2 OTHER INFORMATION

SOLUBILITY IN OILS / FATS / OTHER Soluble in hydrocarbon solvents

10. STABILITY AND REACTIVITY

10.1 REACTIBILITY

10.2 CHEMICAL STABILITY

- Stable under normal conditions

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

- None known

10.4 CONDITIONS TO AVOID

- Heat

10.5 INCOMPATIBLE MATERIALS

- Avoid strong oxidising agents.

10.6 HAZARDOUS DECOMPOSITION

- Oxides of carbon, water vapour, soot, unburnt hydrocarbons. Compounds of nitrogen, sulphur, phosphorus and molybdenum.

11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

11.2 SYMPTOMS / ROUTES OF EXPOSURE

- EYE CONTACT: May cause mild irritation but does not injure eye tissue.
- SKIN CONTACT: Repeated and/or prolonged contact will defat the skin and may cause mild irritation or dermatitis in some individuals. The product is not considered to be a dermal sensitizer.
- INHALATION: Not expected to be a problem with this type of product.
- INGESTION: Not toxic. Acute oral toxicity (LD50 rat) >5000mg/kg (based on data for components).

12. ECOLOGICAL INFORMATION

12.1 TOXICITY

- Ecotoxicity: Effects have not been established.

12.2 PERSISTANCE AND DEGRADABILITY

- Not readily biodegradable

12.3 BIOACCUMULATIVE POTENTIAL

- Not bioaccumulate.

12.4 MOBILITY IN SOIL

- Will float on water and eventually sink. Components have very low solubility
- Not Readily absorbed by soil

12.5 RESULTS OF PBT AND vPvB ASSESSMENT

- No data.

12.6 OTHER ADVERSE EFFECTS

- Not known

13. DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

- This product is NOT suitable for disposal via municipal sewers, drains, natural streams or rivers.
- Disposal in regulated landfill sites or other hazardous or toxic waste providers.

14. TRANSPORT INFORMATION

CLASSIFICATION: Not classified as hazardous under RID/ADR, ADN/R, IMDG or ICAO/IATA regulations.

EEC: Not dangerous for conveyance.

15. REGULATORY INFORMATION

EEC CLASSIFICATION Not dangerous for supply.
Symbols: None
R- Phrases: None
S- Phrases: None

15.1 SAFETY, HEALTH AND ENVIRONMENT REGULATIONS/LEGISLATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE**15.2 CHEMICAL SAFETY ASSESSMENT**

- A chemical safety assessment has not been carried out on this material.

16. ALLERGEN STATEMENT

- We confirm that this product does not contain any fats or products derived from animal fats.
- They are therefore free from any BSE and TSE organisms.
- We also certify that the ingredients we use DO NOT contain lead, nuts or any of the 14 allergens detailed in EU legislation.
- We also state that there is NO LATEX components in or does not come into contact with any Latex components during the course of the manufacturing process.

17. OTHER INFORMATION

- This safety data sheet was prepared in accordance with (EU) No 453/2010.
- The information contained in this Material Safety Data Sheet is based on the best information available to the Company and is accurate to the best of the Company's knowledge. However, Slipstream makes no representation or warranty regarding the information and it is not intended to be all-inclusive. It is the user's responsibility to ensure that he has all the information necessary to satisfy himself that the material is safe to use under the prevailing conditions