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1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE

1.1 Product Identity

Product Name: SG 500 – Pipe Lubricant

1.2 Relevant Identified Uses:

Recommended use: Specialities fluid

Uses advised against: None known

1.3 Details of Supplier

POLYPIPE BUILDING PRODUCTS
BROOMHOUSE LANE
EDLINGTON
DONCASTER
DN12 1ES

1.4 Contact details / Emergency contact details

TELEPHONE: 01709 770000

EMERGENCY: 01782 203700 (Fuchs) (24 hours)

EMAIL: bp.datasheets@polypipe.com

The following information is based upon our current knowledge and experience of our products and is not exhaustive. It applies to the product range outlined above. The potential hazards identified, together with the recommended precautions for storage, handling and use, give the basic information for conducting workplace risk assessments and adequate control measures under the Control of Substances Hazardous to Health Regulations 2002, Control of Substances Hazardous to Health (Amendment) Regulations 2004, The CLP Regulations and the Approved Code of Practice

2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

The product has been classified and labelled as hazardous according to regulation (EU) 1272/2008 (CLP).

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Health Hazards

Skin sensitizer Category 1 H317: May cause an allergic skin reaction.

2.2. Label Elements

Hexahydrotriazine derivative

Labelling according to Regulation (EC) No. 1272/2008 [CLP]



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Signal Word: Warning

Hazard statements: H317: May cause an allergic skin reaction.

Precautionary Statements:

Prevention

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Special provisions concerning the labelling of certain mixtures

2.3. Other Hazards

By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept. The product may not be released into the environment without control.

3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Mixtures

General information:

Mixture based on nonionogenic tensides and water.

Chemical Name	EC No	CAS No.	Concentration *	REACH Registration No:	Notes
Hexahydrotriazine derivative	225-208-0		0,10 - <1,00%		

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
PBT: persistent, bioaccumulative and toxic substance.
vPvB: very persistent and very bioaccumulative substance.

Classification

Chemical Name	EC No	CAS No.	Classification
Hexahydrotriazine derivative	225-208-0		CLP; Acute Toxicity. 2; H330, Acute Toxicity. 4;H302, Skin Sens. 1;H317

CLP: Regulation No. 1272/2008.

For the wording of the listed risk phrases refer to section 16.

4: FIRST AID MEASURES

4.1. Description of first aid measures

General Advice: Change clothes and shoes contaminated or soaked by the product. Never put rags contaminated by the product into clothing pockets.

Inhalation: Supply fresh air; consult doctor in case of symptoms.

Skin Contact: Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get medical attention.

Eye contact: Promptly wash eyes with plenty of water while lifting the eye lids.

Ingestion: Rinse mouth thoroughly.

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

Symptoms: Suspected to cause hypersensitivity and allergy.

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

Note to doctors: Hand over this safety data sheet to the physician with the special comment "water miscible cutting oil". Symptoms may be delayed.

5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media:

CO₂, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added

Unsuitable Extinguishing Media:

Water with a full water jet.

5.2. Special hazards arising from the substance or mixture

During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special firefighting procedures:

No data available.

Special protective equipment for fire-fighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions, protective equipment and emergency procedures:

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Prevent from spreading (e.g. by binding or oil barriers).

6.3. Methods and material for containment and cleaning up

Methods and material for containment and cleaning up:

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

6.4. Reference to other sections

Reference to other sections:

See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on disposal.

7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products.

7.2. Conditions for safe storage, including any incompatibilities

Local regulations concerning handling and storage of water polluting products have to be followed. Store above freezing. Prevent formation of aerosols. Do not heat up to temperatures close to the flash point.

7.3. Specific end use(s)

Not applicable

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Storage Class:

12, Non-combustible liquids

8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

8.2 Exposure controls

Appropriate engineering controls:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment:

General information:

Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.

Eye/face protection:

Safety glasses (EN 166) recommended during refilling.

Skin protection

Hand Protection:

Material: Nitrile butyl rubber (NBR).

Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Other:

Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

Respiratory Protection:

Seek advice from local supervisor. Ensure good ventilation/exhaustion at the workplace. Avoid breathing vapour/aerosol.

Thermal hazards:

Not known.

Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Environmental Controls:

No data available.

9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance

Physical state:	liquid
Form:	liquid
Colour:	Pale yellow
Odour:	Characteristic

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Odour Threshold:	Not applicable for mixtures
pH:	not applicable
Freezing point:	Not applicable for mixtures
Boiling Point:	100 °C
Flash Point:	Not applicable
Evaporation Rate:	Not applicable for mixtures
Flammability (solid, gas):	Value not relevant for classification
Flammability Limit - Upper (%):	Not applicable for mixtures
Flammability Limit - Lower (%):	Not applicable for mixtures
Vapour pressure:	Not applicable for mixtures
Vapour density (air=1):	Not applicable for mixtures
Density:	1,03 g/cm ³ (15 °C)
Solubility(ies)	
Solubility in Water:	Insoluble in water
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	Not applicable for mixtures
Auto ignition Temperature:	Value not relevant for classification
Decomposition Temperature:	Value not relevant for classification
Flow time	Value not relevant for classification
Explosive properties:	Value not relevant for classification
Oxidizing properties:	Value not relevant for classification

9.2 Other information

No data available.

10: STABILITY AND REACTIVITY

10.1 Reactivity:

Stable under normal temperature conditions and recommended use.

10.2 Chemical Stability:

No data available.

10.3 Possibility of hazardous reactions:

None under normal conditions

10.4 Conditions to avoid:

Avoid heat or contamination.

10.5 Incompatible Materials:

Strong oxidizing substances. Strong acids. Strong bases.

10.6 Hazardous Decomposition Products:

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation:

No data available.

Ingestion:

No data available.

Skin Contact:

May cause an allergic skin reaction.

Eye contact:

No data available.

11.1 Information on toxicological effects

Acute toxicity

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Oral Product: Specified substance(s) Hexahydrotriazine derivative	Not classified for acute toxicity based on available data. LD 50 (Rat): 580 mg/kg
Dermal Product:	Not classified for acute toxicity based on available data.
Inhalation Product:	Not classified for acute toxicity based on available data.
Skin Corrosion/Irritation: Product:	Based on available data, the classification criteria are not met.
Serious Eye Damage/Eye Irritation: Product:	Based on available data, the classification criteria are not met.
Respiratory or Skin Sensitization: Product:	Skin sensitizer: Based on available data, the classification Criteria are met. Respiratory sensitizer: Based on available data, the classification criteria are not met.
Germ Cell Mutagenicity Product:	Based on available data, the classification criteria are not met.
Carcinogenicity Product:	Based on available data, the classification criteria are not met.
Reproductive toxicity Product:	Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity - Single Exposure Product:	Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity - Repeated Exposure Product:	Based on available data, the classification criteria are not met.
Aspiration Hazard Product:	Based on available data, the classification criteria are not met.
Other Adverse Effects:	No data available.

12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acute toxicity

Product:	Based on available data, the classification criteria are not met.
Fish Specified substance(s) Hexahydrotriazine derivative	LC 50 (Fish, 96 h): 12 mg/l
Aquatic Invertebrates Specified substance(s) Hexahydrotriazine derivative	EC 50 (Water Flea, 48 h): 9 mg/l

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Chronic Toxicity/Product: Based on available data, the classification criteria are not met.

12.2 Persistence and Degradability

Biodegradation
Product:

Not applicable for mixtures

12.3 Bioaccumulative Potential

Product:

Not applicable for mixtures

12.4 Mobility in Soil:

Product:

Not applicable for mixtures

12.5 Results of PBT and vPvB assessment:

The product does not contain any substances fulfilling the PBT/vPvB criteria.

12.6 Other Adverse Effects:

No data available.

Water Hazard Class (WGK):

WGK 1: slightly water-endangering.

13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

General information:

Dispose in accordance with all applicable regulations.

Disposal methods:

Do not empty into drains; dispose of this material and its container in a safe way. When storing used products, ensure that the waste categories and mixing instructions are observed.

European Waste Codes

12 01 09*: machining emulsions and solutions free of halogens

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14. TRANSPORT INFORMATION

ADR/RID

14.1 UN Number:	—
14.2 UN Proper Shipping Name:	—
14.3 Transport Hazard Class(es)	
Class:	Non-dangerous goods
Label(s):	—
Hazard No. (ADR):	—
Tunnel restriction code:	—
14.4 Packing Group:	—
14.5 Environmental hazards:	—
14.6 Special precautions for user:	—

ADN

14.1 UN Number:	—
14.2 UN Proper Shipping Name:	—
14.3 Transport Hazard Class(es)	
Class:	Non-dangerous goods
Label(s):	—
14.3 Packing Group:	—
14.5 Environmental hazards:	—
14.6 Special precautions for user:	—

IMDG

14.1 UN Number:	—
14.2 UN Proper Shipping Name:	—
14.3 Transport Hazard Class(es)	
Class:	Non-dangerous goods
Label(s):	—
EmS No.:	—
14.3 Packing Group:	—
14.5 Environmental hazards:	—
14.6 Special precautions for user:	—

IATA

14.1 UN Number:	—
14.2 Proper Shipping Name:	—
14.3 Transport Hazard Class(es):	
Class:	Non-dangerous goods
Label(s):	—
14.4 Packing Group:	—
14.5 Environmental hazards:	—
14.6 Special precautions for user:	—

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

Not applicable.

15: REGULATORY INFORMATION

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

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EU Regulations

Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer: None

Regulation (EC) No. 850/2004 on persistent organic pollutants: None

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

16: OTHER INFORMATION

Revision Information: Vertical lines in the margin indicate an amendment.

Wording of the H-statements in section 2 and 3

H302

Harmful if swallowed.

H317

May cause an allergic skin reaction.

H330

Fatal if inhaled.

Training information:

Follow training instructions when handling this material.

Other information:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies. The classification results from the Conventional Method mentioned in regulation EU 1272/2008 (CLP).

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet was compiled using current safety information supplied by distributors of the component materials. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This safety data sheet. Recipients of the product must take responsibility for observing existing laws and regulations. This Safety Data Sheet is in REACH Annex II format and supersedes all previous issues, and users are cautioned to ensure it is the current version.

Destroy all previous revisions and refer to the supplier on +44 1709 770000 for queries regarding this data sheet.