

SAFETY DATA SHEET

POLYPIPE AX 24 SG500
Supersedes Date: 22.10.2020

Revision Date: 20.05.2024
Version: 3

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: AX 24 POLYPIPE SG500

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

Identified uses: Specialties Fluid
Uses advised against: No uses advised against identified.

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier Polypipe Building Products
Broomhouse Lane Edlington
Doncaster
DN12 1ES

Telephone: 01709 770000

Contact Person: Product Safety department

1.4 Emergency telephone number: +44 (0) 1782 203700 (Fuchs Lubricant Technology)

SECTION 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 as amended. Health

Hazards

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

Hazard summary

Physical Hazards: No data available.

2.2 Label Elements

Contains: Hexahydrotriazine derivative



Signal Words: Warning

Hazard Statement(s): H317: May cause an allergic skin reaction.

Precautionary Statements

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

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Response: P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

General information: Mixture based on nonionogenic tensides and water.

Chemical name	Identifier	Concentration *	REACH Registration No.	Notes
Hexahydrotriazine derivative	EINECS: 225-208-0	0,10% - <1,00%		

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent volume.

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

Classification

Chemical name	Identifier	Classification
Hexahydrotriazine derivative	EINECS: 225-208-0	GBCLP: Acute Tox. 2;H330, Acute Tox. 4;H302, Skin Sens. 1;H317, STOT RE 1;H372, Eye Irrit. 2;H319

GBCLP

specific concentration limit

Chemical name	Identifier	specific concentration limit	Hazard class	Hazard Category	Hazard statements
Hexahydrotriazine derivative	EINECS: 225-208-0	>= 0,1 %	Skin sensitizer	1	H317

For the wording of the listed hazard statements refer to section 16.

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SECTION 4: First aid measures

General: Instantly remove any clothing soiled by the product.

4.1 Description of first aid measures

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

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

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.

Ingestion: Rinse mouth thoroughly.

4.2 Most important symptoms and effects, both acute and delayed: Suspected to cause hypersensitivity and allergy.

4.3 Indication of any immediate medical attention and special treatment needed Hand over this safety data sheet to the physician with the special comment "watermiscible cutting oil". Symptoms may be delayed.

SECTION 5: Firefighting 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 add- ed

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: Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated firefighting water in accordance with official regulations. Collect contaminated firefighting water separately. It must not enter drains.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1 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.

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| 6.2 Environmental Precautions: | Prevent from spreading (e.g., by binding or oil barriers). Avoid release to the environment. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so. Do not allow to enter drainage system, surface, or ground water. |
| 6.3 Methods and material for containment and cleaning up: | Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations. Stop the flow of material if this is without risk. |
| 6.4 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. |

SECTION 7: Handling and storage:

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| 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. Prevent formation of aerosols. Observe good industrial hygiene practices. Provide adequate ventilation. |
| 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. Do not heat up to temperatures close to the flash point. |
| 7.3 Specific end use(s): | Not applicable |
| Storage Class: | 12, Non-combustible liquids |

SECTION 8: Exposure controls/personal protection

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| 8.1 Control Parameters Occupational Exposure Limits | None of the components have assigned exposure limits. |
| 8.2 Exposure controls | |
| Appropriate engineering controls: | Provide adequate ventilation. 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 air-borne 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: | Avoid contact with skin and eyes. Goggles/face shield are recommended. If risk of splashing, wear safety goggles or face shield. |

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Skin protection

Hand Protection:

Material: Nitrile butyl rubber (NBR).
Min. Breakthrough time: ≥ 480 min
Recommended thickness of the material: $\geq 0,38$ mm

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:

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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state: liquid

Form: liquid

Color: Pale yellow

Odor: Characteristic

Odor 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): Not determined

Flammability Limit - Upper (%)-: Not applicable for mixtures

Flammability Limit - Lower (%)-: Not applicable for mixtures

Vapor pressure: Not applicable for mixtures

Relative Vapor density: Not applicable for mixtures

Density: 1,03 g/cm³ (15 °C)

Solubility(ies)

Solubility in Water: Insoluble in water

Solubility (other): No data available.

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Partition coefficient (n-octanol / Water):	Not applicable for mixtures
Autoignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Flow time	Value not relevant for classification
Explosive properties:	Value not relevant for classification
Oxidizing properties:	Value not relevant for classification
Particle characteristics	Not applicable
9.2 Other information	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:	Stable under normal use conditions.
10.2 Chemical Stability:	Stable under normal use conditions.
10.3 Possibility of hazardous reactions:	Stable under normal use conditions.
10.4 Conditions to avoid:	Stable under normal use conditions.
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 vapors.

SECTION 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

Oral

Product: Not classified for acute toxicity based on available data.

Specified substance(s) LD 50 (Rat): 1.000 mg/kg (OECD 401)
Hexahydrotriazine derivative

Dermal

Product: Not classified for acute toxicity based on available data.

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Inhalation	
Product:	ATEmix: 17 mg/l Dusts, mists and fumes, mists, and fumes
Specified substance(s)	
Hexahydrotriazine derivative	LC 50 (Rat, 4 h): 0,371 mg/l (OECD 403)
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.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity	
Product:	Based on available data, the classification criteria are not met.
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
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12.4 Mbility in soil

Product	Not applicable for mixtures
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12.5 Results of PBT and vPvB assessments	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.

SECTION 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

SECTION 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:	—

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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 MARPOL and the IBC Code: Not applicable.

SECTION 15: Regulatory information

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

Regulations

The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019: none

The Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020: none

15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out.

DIRECTIVE Control of Major Accident Hazards Regulations 2015:

The product does not fall into the scope of the Control of Major Accident Hazards Regulations 2015.

SECTION 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.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H372 Causes damage to organs through prolonged or repeated exposure.

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Other information:

The classification complies with the current EU lists; however, it has been supplemented with expert literature information and information provided by/about our company. It was derived from the test data and/or the application of the conventional method.

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a 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

End of Safety Data Sheet