

SAFETY DATA SHEET

Polypipe LUBX 1 & LUBX 2.5
Supersedes 23.08.2021

Revision Date 20-05-2024
Version 2

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

1.1. Product identifier

Product name POLYPIPE BUILDING PRODUCTS LUBX RANGE
Product No. 163476

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

Identified uses Lubricating agent.

1.3. Details of the supplier of the safety data sheet

Supplier Polypipe Building Products Limited
Broomhouse Lane
Edlington
Doncaster
DN12 1ES

Tel 01709770000
Fax 01709770001

1.4. Emergency telephone number

TELEPHONE: +44 1865 407333 (MacDermid)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Product definition: Mixture

Classification according to UK CLP/GHS: Not classified

The product is not classified as hazardous according to UK CLP Regulations SI 2019/720 as amended.
See section 11 for more detailed information on health effects and symptoms

2.2 Label elements

Signal word: No signal word
Hazard statements: No known significant effects or critical hazards

2.3 Other hazards: This mixture does not contain any substances that are assessed to be a PBT or vPvB

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures: Mixture

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBT's, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

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SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

- Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
- Protection of first aiders: No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

- Eye contact: No specific data
- Inhalation: No specific data
- Skin contact: No specific data.
- Ingestion: No specific data

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments: No specific treatment.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Non-combustible.
Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture: In a fire or if heated, a pressure increase will occur, and the container may burst.

Hazardous combustion products: Decomposition products may include the following materials: carbon dioxide, carbon monoxide; metal oxide/oxides

5.3 Advice for firefighters

Special protective actions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk-through spilt material. Put on appropriate personal protective equipment.

For emergency responders: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

6.3 Methods and material for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g., sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

6.4 Reference to other sections: See section 1 for emergency contact information
See section 8 for information on appropriate PPE
See section 13 for additional waste treatment information

SECTION 7: HANDLING AND STORAGE

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures: Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene: Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store between the following temperatures: 5 to 40°C (41 to 104°F). Store in accordance with local regulations.

Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers.

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Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

No specific measures identified

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits: No exposure limit value known.

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

EU DNELs/DMELs

No DNELs/DMELs available.

EU PNECs

No PNECs available

8.2 Exposure control

Appropriate engineering controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

Hygiene measures: Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, or dusts. If inhalation hazards exist, a full-face respirator may be required instead. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: Chemical splash goggles. Use eye protection according to EN 166.

Skin protection:

Hand protection: Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

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Body protection:	PPE for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection:	based on hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Use in accordance with the manufacturers instructions and training given.
Environmental exposure controls:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements for environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	Liquid (Gel)
Colour:	Amber.
Odour:	Bland.
Odour threshold:	There are no data available on the mixture itself.
pH:	10 [Conc. (% w/w): 10%]
Melting point/freezing point:	There are no data available on the mixture itself.
Initial boiling point and boiling range:	Not available
Flash point:	Closed cup: >150°C (>302 °F)
Evaporation rate:	There are no data available on the mixture itself.
Flammability (solid, gas):	There are no data available on the mixture itself.
Upper/lower flammability or explosive limits:	There are no data available on the mixture itself.
Vapour pressure:	There are no data available on the mixture itself.
Vapour density:	There are no data available on the mixture itself.
Density:	1 to 1.1 g/cm ³ [20°C]
Solubility(ies):	Easily soluble in the following materials: cold water.
Partition coefficient: n-octanol/ water:	There are no data available on the mixture itself.
Auto-ignition temperature:	Not available
Decomposition temperature:	There are no data available on the mixture itself.
Viscosity:	There are no data available on the mixture itself.
Explosive properties:	There are no data available on the mixture itself.
Oxidising properties:	There are no data available on the mixture itself.

9.2 Other information

SAPT	Not relevant / applicable due to nature of the product
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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity	Extremely reactive or incompatible with the following materials: oxidising materials and acids.
10.2. Chemical stability	The product is stable.
10.3. Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4. Conditions to avoid	No specific data.
10.5. Incompatible materials	See Section 10.1
10.6. Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Conclusion/Summary: Not tested

Acute toxicity estimates

Not available.

Irritation/Corrosion

Conclusion/Summary

Skin: Not tested

Eyes: Not tested

Respiratory: Not tested

Sensitisation

Conclusion/Summary

Skin: Not tested

Respiratory: Not tested

Mutagenicity

Conclusion/Summary: Not tested

Carcinogenicity

Conclusion/Summary: Not tested

Reproductive toxicity

Conclusion/Summary: Not tested

Teratogenicity

Conclusion/Summary: Not tested

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

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Aspiration hazard

Not available.

Information on likely routes of exposure: Not tested

Potential acute health effects:

Eye contact: No known significant effects or critical hazards
 Inhalation: No known significant effects or critical hazards
 Skin contact: No known significant effects or critical hazards
 Ingestion: No known significant effects or critical hazards

Symptoms related to the physical, chemical, and toxicological characteristics:

Eye contact: No specific data
 Inhalation: No specific data
 Skin contact: No specific data
 Ingestion: No specific data

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure:

Potential immediate effects: Not available.
 Potential delayed effects: Not available.

Long term exposure:

Potential immediate effects: Not available.
 Potential delayed effects: Not available

Potential chronic health effects: Not available

Conclusion / Summary: No known significant effects or critical hazards

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Conclusion/Summary: Ecological testing has not been conducted on this product

12.2 Persistence and degradability

Conclusion/Summary: According to EC criteria: Expected to be inherently biodegradable

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
VINOLEO VS	-	-	Inherent

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Soil/water partition coefficient (KOC) : Not available.
 Mobility: Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects No known significant effects or critical hazards.

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SECTION 13: DISPOSAL CONSIDERATIONS

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13.1 Waste treatment methods

Product

Methods of disposal: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and non- recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

Packaging

Methods of disposal: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions: This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: TRANSPORT INFORMATION

	ADR/RID	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No.	No.	No.
Additional information	-	-	-

14.6 Special precautions for user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7: Transport in bulk according to IMO instruments

Not applicable – not transported in bulk

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SECTION 15: REGULATORY INFORMATION

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

UK (GB) REACH

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures, and articles

Not applicable

Other EU regulations

Not applicable.

15.2 Chemical safety assessment:

Chemical Safety Assessments for all substances in this product are either complete or Not applicable

SECTION 16: OTHER INFORMATION

Indicates information that has changed from previously issued version.

Abbreviations and acronyms

ATE	Acute Toxicity Estimate
GB CLP	UK CLP (EC No 1272/2008) on the classification, labelling and packaging of substances and mixtures as amended by (EU Exit) Regulations 2019. No 720 and amendments.
DMEL	Derived Minimal Effect Level DNEL = Derived No Effect Level
DNEL	Derived No Effect Level
EUH statement	GB CLP-specific Hazard statement
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No Effect Concentration
RRN	REACH Registration Number
SGG	Segregation Group
vPvB	Very Persistent and Very Bioaccumulative

Procedure used to derive the classification

Not classified

Full text of abbreviated H statements

Not applicable.

Full text of classifications

Not applicable.

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Disclaimer

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End of Safety Data Sheet