

POLYPIPE PIPE CLEANER CF250

Supersedes Date: 23.06.2020

Revision date 20.05.2024 Revision Number 2

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

1.1. Product Identifier

Product Name	POLYPIPE PIPE CLEANER
Pure substance/mixture	Substance
EC No	200-662-2
CAS No.	67-64-1
REACH Registration Number	01-2119471330-49-xxxx

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

Recommended use	Cleaning agent.
Uses advised against	None known

1.3 Details of the supplier of the safety data sheet Company Name

Supplier

Polypipe Building Products Limited Broomhouse Lane Edlington Doncaster DN12 1ES

Tel: 01709 770000 Fax: 01709 770001

1.4 Emergency telephone number

TELEPHONE: +44 (1785) 272650 (Bostik) (Monday to Friday 0900-1700)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Serious eye damage/eye irritation	Category 2 - (H319)
Specific target organ toxicity (single exposure)	Category 3 - (H336)
	Narcotic effects
Flammable liquids	Category 2 - (H225)

2.2. Label Elements

200-662-2 Contains: Acetone



Signal word DANGER

Hazard statements BP HSE TE 05 MSDS 2024

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H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness.

H225 - Highly flammable liquid and vapour.

EU Specific Hazard Statements

EUH066 - Repeated exposure may cause skin dryness or cracking.

Precautionary statements

P210 - Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No

smoking.P261 - Avoid breathing dust/fumes/gas/mist/vapours/spray

P280 - Wear protective gloves and eye/face protection.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 – Call a POISON CENTER or doctor if you feel unwell

P370+P378 - In case of fire: Use dry chemical, CO2, water spray or alcohol-resistant foam to extinguish

P403 + P235 - Store in a well-ventilated place. Keep cool.

P501 - Dispose of contents/ container to an approved waste disposal plant.

Additional information

This product requires tactile warnings if supplied to the general public.

2.3. Other Hazards

In use may form flammable/explosive vapour-air mixture

PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT) This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB)

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
Acetone	(606-001- 00-8) 200-662-2	67-64-1	80 - 100	Eye Irrit. 2 (H319) (EUH066) STOT SE 3 (H336) Flam. Liq. 2 (H225)		01-2119471330- 49-XXXX

Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

Show this safety data sheet to the doctor in attendance.





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Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur.	
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.	
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.	
Ingestion	If swallowed, give activated charcoal if instructed. Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician.	
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes, or clothing. Do not use mouth – mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.	
4.2. Most important symptoms and effects, both acute and delayed		
Symptoms	May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapour concentrations may cause symptoms likeheadache, dizziness, tiredness, nausea, and vomiting.	

- 4.3. Indication of any immediate medical attention and special treatment needed
- Note to doctors Acidosis. Subsequent observance for pneumonia and lung edema.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.	
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.	
5.2. Special hazards arising from t	he substance or mixture	
Specific hazards arising from the chemical	Risk of ignition. Most vapours are heavier than air. Vapours may spread along ground and collect low or confined areas (sewers, basements, tanks). Vapours may travel to areas away from work site before igniting/flashing back to vapour source. Keep product and empty container away from heat ad sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.	
Hazardous combustion products	Carbon oxide. Carbon monoxide.	
5.3. Advice for firefighters		
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.	



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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes, or clothing. Avoid breathing vapours or mists. Ensure adequate ventilation.
	ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded.
Other information	Ventilate the area. Refer to protective measures listed in Sections 7 and 8.
For emergency responders	Use personal protection recommended in Section 8.
6.2. Environmental precautions	
Environmental precautions	Refer to protective measures listed in Sections 7 & 8. Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements, or confined areas.
6.3. Methods and material for conta	ainment and cleaning up
Methods for containment	Stop leak if you can do without risk. Do not touch or walk through spilled material. A vapour suppressing foam may be used to reduce vapour. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches, and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
Methods for cleaning up	Take up mechanically, placing in appropriate containers for disposal. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.
6.4. Reference to other sections	
Reference to other sections	See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling	Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapours or mists. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire, or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, or clothing.
	Do not eat, drink, or smoke when using this product. In case of insufficient ventilation, wear suitable respiratory equipment.
General hygiene considerations	Keep away from food, drink, and animal feeding stuffs. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.
	Contaminated work clothing should not be allowed out of the workplace.



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Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes, or clothing. Wear suitable gloves and eye/face protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors, andstatic electricity). Keep in properly labelled containers. Do not store near combustiblematerials. Keep in an area equipped with sprinklers. Store in accordance with the particular national & local regulations.
Recommended storage Temperature	Keep at temperatures between 41 & 77 F / 5 & 25 C
Packaging materials	Steel. Unsuitable container / equipment material. Plastic container.
7.3. Specific end use(s)	
Specific Use(s)	

Cleaning agent.

Exposure scenario

Further information concerning recommended uses and uses advised against: see annex of this safety data sheet (exposure sections)

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	European Union	United Kingdom
Acetone	TWA: 500 ppm	TWA: 500 ppm
67-64-1	TWA: 1210 mg/m ³	TWA: 1210 mg/m ³
	_	STEL: 1500 ppm
		STEL: 3620 mg/m ³

Chemical name	European Union	Ireland	United Kingdom
Acetone 67-64-1	-	50 mg/L (urine –	-
		Acetone end of shift)	

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNEL) Acetone (67-64-1)			
			Туре
Long term Systemic health effects worker	Dermal	186 mg/kg bw/d	
Short term Local health effects worker	Inhalation	2420 mg/m³	
Long term Systemic health effects worker	Inhalation	1210 mg/m³	



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Derived No Effect Level (DNEL) Acetone (67-64-1)			
			Туре
Consumer Long term Systemic health effects	Inhalation	200 mg/m³	
Consumer Long term Systemic health effects	Dermal	62 mg/kg bw/d	
Consumer Long term Systemic health effects	Oral	62 mg/kg bw/d	

Predicted No Effect Concentration No information available. (PNEC)

Predicted No Effect Concentration (PNEC)		
Acetone (67-64-1)		
Environmental compartment	Predicted No Effect Concentration (PNEC)	
Freshwater	10.6 mg/l	
Freshwater - intermittent	21 mg/l	
Marine water	1.06 mg/l	
Microorganisms in sewage treatment	100 mg/l	
Freshwater sediment	30.4 mg/kg dry weight	
Marine water	3.04 mg/kg dry weight	
Soil	29.5 mg/kg dry weight	

8.2. Exposure controls

Engineering controls	Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be exhausted directly at the point of origin.
Personal Protective Equipment Eye/face protection	Tight sealing safety goggles. Face protection shield.
Hand protection	Wear protective gloves. Gloves must conform to standard EN 374. The breakthrough time of the gloves depends on the material and the thickness as well as the temperature. Ensure that the breakthrough time of the glove material is not exceeded.
	Refer to glove supplier for information on breakthrough time for specific gloves.
Skin and body protection	Antistatic footwear. Wear fire/flame resistant/retardant clothing. Suitable protective clothing.
Respiratory protection	In case of inadequate ventilation wear respiratory protection. In case of mist, spray or aerosol exposure wear suitable personal respiratory protectionand protective suit. In case of inadequate ventilation wear respiratory protection.
Recommended filter type:	Organic gases and vapours filter conforming to EN 14387.

Environmental exposure controls Do not allow into any sewer, on the ground or into any body of water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Colour	Clear
Odour	Sweet Aromatic
Odour threshold	47.5 mg/m₃
Vapour pressure	240 hPa
Vapour Density	2.1

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Relative density Water solubility Solubility(ies) Partition coefficient Autoignition temperature Flash point Hyphen Kinematic viscosity Dynamic viscosity

9.2. Other information Solid content (%) Molecular weight VOC content Miscible in water No data available -0.24 465 °C -19 °C (CC Closed cup) No data available No data available 0.32 mPa s @ 20 °C

No data available

No information available 58.09 637 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity Reactivity No information available. 10.2. Chemical stability Stability Stable under normal conditions. **Explosion data** Sensitivity to mechanical None. impact Sensitivity to static discharge Yes. 10.3. Possibility of hazardous reactions Possibility of hazardous reactions None under normal processing. 10.4. Conditions to avoid Conditions to avoid Heat, flames, and sparks. 10.5. Incompatible materials Incompatible materials Plastic container 10.6. Hazardous decomposition products Hazardous decomposition Carbon oxides. products



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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

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Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness or dizziness.	
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation. May cause redness, itching, and pain.	
Skin contact	Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.	
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.	
Symptoms related to the physical, chemical, and toxicological characteristics		

Symptoms	May cause redness and tearing of the eyes. Inhalation of high vapour concentrations
	may cause symptoms like headache, dizziness, tiredness, nausea, and vomiting.

Numerical measures of toxicity

Acute toxicity

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Acetone	=5800 mg/kg (Rattus) 3000 mg/kg (mouse)	>15800 mg/Kg (Rattus)	=79 mg/l(Rattus) 4 h

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

Skin corrosion/irritation	May cause skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.

Product Information		
Method	Species	Results
OECD Test No. 471: Bacterial Reverse Mutation Test	in vitro	Not mutagenic
OECD Test No. 476: In vitro Mammalian Cell Gene Mutation Test	in vitro	Not mutagenic

Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	May cause drowsiness or dizziness.
STOT - repeated exposure	Based on available data, the classification criteria are not met.



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Based on available data, the classification criteria are not met.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties

11.2.2. Other information

Other adverse effects

Aspiration hazard

No information available

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
Acetone 67-64-1	-	LC50 96 h 4.74 - 6.33 mL/L (Oncorhynchus mykiss)	mg/L 15 min	EC50 48 h 10294 - 17704 mg/L (Daphnia magna Static)		

12.2. Persistence and degradability

Persistence and degradability Readily biodegradable

Product Information			
Method	Exposure time	Value	Results
OECD Test No. 301B: Ready Biodegradability: CO2 Evolution Test (TG 301 B)	28 days	91%	Readily biodegradable

Product Information – Acetone (67-64-1)			
Method	Exposure time	Value	Results
OECD Test No. 301B: Ready Biodegradability: CO2 Evolution Test (TG 301 B)	28 days	9Biodegradation	91 % Readily biodegradable

12.3. Bioaccumulative potential

Bioaccumulation factor (BCF) 3

Component Information

Chemical name	Partition coefficient
Acetone	-0.24

12.4. Mobility in soil

Mobility in soil

No information available. Soluble in water

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

ment The product does not contain any substances classification as PBT or vPvB above the threshold of declaration

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Chemica	Iname	PBT and vPvB assessment
Aceto	one	The substance is not PBT / vPvB
12.6. Other adverse effects		
Other adverse effects	No information available.	
SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Waste from residues/unused products	Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.	
Contaminated packaging	Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.	

European Waste Catalogue	08 04 09* waste adhesives and sealants containing organic solvents or other dangerous Substances.

15 01 10*: Packaging containing residues of or contaminated by dangerous substances.

Other information Waste codes should be assigned by the user based on the application for which the product was used.





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SECTION 14: Transport information

Note:	The shipping descriptions shown here are for bulk shipments only and may not apply to shipments made in non-bulk packages (see regulatory definition).
	The information shownhere, may not always agree with the bill of lading shipping description for the material.
Land transport (ADR/RID) 14.1 UN number 14.2 Proper Shipping Name 14.3 Transport hazard class(es) Labels 14.4 Packing group Description 14.5 Environmental hazards 14.6 Special Provisions Classification code Tunnel restriction code Limited Quantity (LQ) ADR Hazard Id (Kemmler Number)	UN1090 Acetone 3 3 II UN1090, Acetone, 3, II, (D/E) Not applicable None F1 (D/E) 1 L 33
IMDG14.1UN number14.2Proper Shipping Name14.3Transport hazard class(es)14.4Packing group Description14.5Marine pollutant14.6Special Provisions Limited Quantity (LQ) EmS-No14.7Transport in bulk according	UN1090 Acetone 3 II UN1090, Acetone, 3, II, (-19°C c.c.) Np None 1 L F-E, S-D to Annex II of MARPOL 73/78 and the IBC Code Not applicable
Air transport (ICAO-TI / IATA-DGR 14.1 UN number	<u>)</u> UN1090

14.1	UN number	UN1090
14.2	Proper Shipping Name	Acetone
14.3	Transport hazard class(es)	3
14.4	Packing group	II
D	escription	UN1090, Acetone, 3, II
14.5	Environmental hazards	Not applicable
14.6	Special Provisions	None
Limited Quantity (LQ)		1 L
ERG Code		3H

Section 15: Regulatory information

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

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.



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Building Products

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorisation:

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Dangerous substance category per Seveso Directive (2012/18/EU)

P5a - FLAMMABLE LIQUIDS P5b - FLAMMABLE LIQUIDS P5c - FLAMMABLE LIQUIDS

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

Persistent Organic Pollutants

Not applicable

REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the marketing and use of explosives precursors

This product contains

Chemical name	Reporting of suspicious transactions, disappearances, and thefts	Restricted
Acetone – 67-64-1	X	

National regulations

15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

EUH066 - Repeated exposure may cause skin dryness or cracking

H225 - Highly flammable liquid and vapour

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

Legend	
TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Ceiling Limit Value
*	Skin designation
SVHC	Substance(s) of Very High Concern
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB	Very Persistent and very Bioaccumulative (vPvB) Chemicals
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure
EWC	European Waste Catalogue
BP HSE TE 05 MSDS 2024	



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SAFETY DATA SHEET

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ADR IMDG IATA RID	European Agreement concerning the International Carriage of Dangerous Goods by Road International Maritime Dangerous Goods (IMDG) International Air Transport Association (IATA) Regulations concerning the International Transport of Dangerous Goods by Rail
Key literature references and sour No information available	rces for data
Prepared By	Product Safety & Regulatory Affairs
Revision date	20-Sept-2023
Indication of changes	
Revision note	Not applicable
Training Advice	Provide adequate information, instruction, and training for operator
Further information	No information available

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

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 onlyto 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.