

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Ref No SDS-001

Date of issue and revision: 1st April 2025

Version: 1

Pipe Lubricant for Clay Pipes

Civils & Drainage

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

1.1 Product identifier:

Product form: Clay Lubricant

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

1.2.1. Relevant identified uses:

Uses of substances as such or in preparations at industrial sites. Lubricant. DO NOT use for private purposes (household).

1.3 Details of the supplier of the safety data sheet:

Telephone: +61 2 9450 0766, E-mail address: sales@fernco.com.au

1.4 Emergency telephone number:

000

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 (CLP)
This mixture does not meet the criteria for classification.

2.2. Label elements:

No labelling required

2.3. Other hazards:

Special danger of slipping by leaking/spilling product.

2.3.2. Results of PBT and vPvB assessment:

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances:

Not relevant (mixture).

3.2. Mixtures:

Description of the mixture. This product does not meet the criteria for classification in any hazard class according to GHS.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General notes:

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation:

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact:

Rinse skin with water/shower. Take off contaminated clothing.

Following eye contact:

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion:

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

None.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Water spray, BC-powder, Carbon dioxide (CO₂).

Unsuitable extinguishing media:

Water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products. Carbon monoxide (CO), Carbon dioxide (CO₂).

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Remove persons to safety.

For emergency responders:

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions:

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up:

Advice on how to contain a spill:

Covering of drains.

Advice on how to clean up a spill:

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder.

Appropriate containment techniques:

Use of adsorbent materials. Other information relating to spills and releases. Place in appropriate containers for disposal. Ventilate affected area.

Other information relating to spills and releases:

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Personal protective equipment: see section 8.

Recommendations:

Measures to prevent fire as well as aerosol and dust generation. Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Control of effects

Protect against external exposure, such as frost

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS no	Identifier	TWA [mg/m ³]	Notation	Source
GB	Talc	14807-96-6	WEL	1	r, no_asb, proc	EH40/ 2005

8.2 Exposure controls:

Appropriate engineering controls:

General ventilation.

Individual protection measures (personal protective equipment):

Wear eye/face protection.

Skin/Hand protection:

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leaktightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before

taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Type of material:

Recommendation: Nitrile

Material thickness:

Recommendation: > 1 mm.

Breakthrough times of the glove material:

>60 minutes (permeation: level 3)

Not suitable are gloves made of the following materials:

Fabric, Leather.

Other protection measures:

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls:

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties Physical state liquid (paste):

Colour and physical state:

Liquid (paste), greenish-blue

Odour:

Characteristic

Melting point/freezing point:

Not determined

Boiling point or initial boiling point and boiling range:

Not determined

Flammability:

Non-combustible

Lower and upper explosion limit:

Not determined

Flash point:

Not applicable

Auto-ignition temperature:

Not determined

pH Value:

10 – 11 (in aqueous solution: 50 g/l, 20 °C)

Kinematic viscosity:

Not determined

Water solubility:

Miscible in any proportion

Partition coefficient n-octanol/water (log value):

Not available

Vapour pressure:

Not determined

Flammability:

Not applicable

Density:

Not determined

Relative vapour density:

information on this property is not available

Particle characteristics:

Not determined (liquid)

9.2 Other information:**Information with regard to physical hazard classes:**

Hazard classes acc. to GHS (physical hazards): not relevant.

Miscibility:

Completely miscible with water.

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

Oxidisers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Test data are not available for the complete mixture.

Classification procedure:

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to GHS:

This mixture does not meet the criteria for classification.

Acute toxicity:

Shall not be classified as acutely toxic.

Skin corrosion/irritation:

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation:

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation:

Shall not be classified as a respiratory or skin sensitiser.

Germ cell mutagenicity:

Shall not be classified as germ cell mutagenic.

Carcinogenicity:

Shall not be classified as carcinogenic.

Reproductive toxicity:

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure:

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure:

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard:

Shall not be classified as presenting an aspiration hazard.

11.2 Information on other hazards:

Other information:

There is no additional information.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

12.2 Persistence and degradability

Data is not available.

12.3 Bioaccumulative potential

Data is not available.

12.4 Mobility in soil

Data is 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 Endocrine disrupting properties:

None of the ingredients are listed.

12.7 Other adverse effects:

Data is not available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Sewage disposal-relevant information:

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings:

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks:

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number or ID number:

Not subject to transport regulations

14.2. UN proper shipping name:

Not relevant

14.3. Transport hazard class(es):

None

14.4. Packing group:

Not assigned

14.5. Environmental hazards:

Non-environmentally hazardous acc. to the dangerous goods regulations

14.6. Special precautions for user:

There is no additional information

14.7. Maritime transport in bulk according to IMO instruments:

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations:

International Maritime Dangerous Goods Code (IMDG) - Additional information

Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Not subject to ICAO-IATA.

SECTION 15: REGULATORY INFORMATION

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

There is no additional information.

Relevant provisions of the European Union (EU):

List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list (none of the ingredients are listed)

Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS):

None of the ingredients are listed

Regulation on persistent organic pollutants (POP):

None of the ingredients are listed

Toxic Substance Control Act (TSCA) all ingredients are listed:

All ingredients

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: OTHER INFORMATION

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety relevant
2.2	Labelling	Labelling: not required	Yes
2.2	Signal word: not required		Yes
2.2	Pictograms: not required		Yes
2.2		Supplemental hazard information: change in the listing (table)	Yes

Key literature references and sources for data:

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). Regulations concerning the International Carriage of Dangerous Goods by Rail (RID). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure:

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Disclaimer:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

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