
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: T503/0 - Line Cleaner
- Product Part Number: T503/0

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

- Use of the substance/mixture:

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: HD Sharman LTD
- Address of Supplier: High Peak Works, Chapel-en-le-Frith SK23 0HW
- Telephone: 01298 812371
- Email: info@hdsharman.co.uk

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1204 573 736
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Flam. Liq. 2, Skin Irrit. 2, Eye Irrit. 2, Repr. 2, STOT SE 3, STOT RE 2

2.2 Label elements



GHS02



GHS08

- Signal Word: Danger
 - Hazard statements
 - H225 - Highly flammable liquid and vapour.
 - H361d - Suspected of damaging the unborn child.
 - H373 - May cause damage to organs through prolonged or repeated exposure.
 - H315 - Causes skin irritation.
 - H319 - Causes serious eye irritation.
 - EUH044 - Risk of explosion if heated under confinement.
 - Precautionary statements
 - P403+P235 - Store in a well-ventilated place. Keep cool.
 - P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
 - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 - P308+P313 - IF exposed or concerned: Get medical advice/attention.
 - P281 - Use personal protective equipment as required.
 - P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 - P201 - Obtain special instructions before use.
 - P233 - Keep container tightly closed.
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SECTION 2: Hazards identification (....)

P314 - Get medical advice/attention if you feel unwell.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P243 - Take action to prevent static discharges.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P240 - Ground and bond container and receiving equipment.
P405 - Store locked up.
P241 - Use explosion-proof [electrical/ventilating/lighting/
P242 - Use non-sparking tools.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P202 - Do not handle until all safety precautions have been read and understood.

- Symbols

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.2 Mixtures

- toluene
 - CAS Number: 108-88-3
 - EC Number: 203-625-9
 - Concentration: 80%
 - Categories: Flam. Liq. 2, Skin Irrit. 2, Repr. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1
 - Symbols: GHS02;GHS08;GHS07
 - H Statements: H225;H361d;H304;H336;H373;H315
- butanone; ethyl methyl ketone
 - CAS Number: 78-93-3
 - EC Number: 201-159-0
 - Concentration: 20%
 - Categories: Flam. Liq. 2, Eye Irrit. 2, STOT SE 3
 - Symbols: GHS02;GHS07
 - H Statements: H225;H336;H319;EUH066

SECTION 4: First aid measures

4.1 Description of first aid measures

- Contact with eyes
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - If eye irritation persists: Get medical advice/attention.
 - IF exposed or concerned: Get medical advice/attention.
- Contact with skin
 - IF ON SKIN: Wash with plenty of soap and water.
 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 - If skin irritation occurs: Get medical advice/attention.
 - IF exposed or concerned: Get medical advice/attention.

SECTION 4: First aid measures (....)

- Ingestion
IF exposed or concerned: Get medical advice/attention.
- Inhalation
IF exposed or concerned: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
See Section 11 for more detailed information on health effects and symptoms.

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
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SECTION 5: Firefighting measures**5.1 Extinguishing media**

- Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

- Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Flash back possible over considerable distance.
- In combustion emits toxic fumes.

5.3 Advice for firefighters

- In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment. Cool closed containers exposed to fire with water spray. Heating will cause a pressure rise - with risk of bursting. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
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SECTION 6: Accidental release measures

Vapours may ignite

6.1 Personal precautions, protective equipment and emergency procedures

- Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. Avoid subsoil penetration. Local authorities should be advised if significant spillages cannot be contained.
- Ensure adequate ventilation
- Use personal protective equipment as required.

6.2 Environmental precautions

- Do not flush spilt material into any public water system

6.3 Methods and material for containment and cleaning up

- Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

- See Section 1 for emergency contact information.
See Section 8 for information on personal protective equipment.
See Section 13 for waste treatment information.
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Wear protective gloves/protective clothing/eye protection/face protection.
- Use personal protective equipment as required.
- Get medical advice/attention if you feel unwell.

7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place. Keep cool.
- Store locked up.

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- butanone; ethyl methyl ketone
 - DNEL (Industry; inhalational, long term systemic effects): 600 mg/m³
 - DNEL (Industry; dermal, long term systemic effects): 1161 mg/kg bw/day
 - DNEL (Consumer; dermal, long term systemic effects): 412 mg/kg bw/day
 - DNEL (Consumer; inhalational, long term systemic effects): 106 mg/m³
 - DNEL (Consumer; dermal, short term systemic effects):
 - DNEL (Consumer; inhalational, short term systemic effects):
 - DNEL (Industry; dermal, short term systemic effects):
 - WEL (long term): 600 mg/m³, 200 ppm
- toluene
 - DNEL (oral): 8.13 mg/kg bw/day
 - DNEL (Industry; inhalational, long term local effects): 192 mg/m³
 - DNEL (Industry; inhalational, long term systemic effects): 192 mg/m³
 - DNEL (Industry; dermal, long term systemic effects): 384 mg/kg bw/day
 - DNEL (Consumer; dermal, long term systemic effects): 226 mg/kg bw/day
 - DNEL (Consumer; inhalational, long term local effects): 56.5 mg/m³
 - DNEL (Consumer; inhalational, long term systemic effects): 56.5 mg/m³

8.2 Exposure controls

- Wear protective gloves/protective clothing/eye protection/face protection.
 - Use personal protective equipment as required.
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid
- Odour: Characteristic odour
- Boiling Point/Range: 111°C
- Flashpoint: 4°C
- Extremely Flammable
- Viscosity: not applicable

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

- Considered stable under normal conditions

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Incompatible materials

- Strong oxidizing agents. Strong acids.

10.5 Hazardous decomposition products

- Carbon oxides may be formed
 - Decomposition products may include toxic fumes
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

- toluene
 - LC₅₀ (inhalation, rat): 25.7 mg/l (Rat, male; 4 h; vapour) (OECD Test Guideline 403)
 - LD₅₀ (dermal, rabbit): > 5000 mg/kg (Rabbit, male)
 - LD₅₀ (oral, rat): 5580 mg/kg (Rat, male) (OECD Test Guideline 401)
 - butanone; ethyl methyl ketone
 - LD₅₀ (dermal, rabbit):
 - LD₅₀ (oral) :
 - LD₅₀ (oral, rabbit):
 - LD₅₀ (skin, rabbit): >5000 mg/kg
 - LC₅₀ (inhalation) :
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SECTION 12: Ecological information

12.1 Toxicity

- toluene
 - IC₅₀ (algae): 134 mg/l (72 hr)
 - EC₅₀ (daphnia): 3.78 mg/l (48 hr)
 - LC₅₀ (fish): 5.5 mg/l (96 hr)
- butanone; ethyl methyl ketone
 - IC₅₀ (algae): 1972 mg/l (72 hr)
 - EC₅₀ (daphnia): 308 mg/l (48 hr)
 - LC₅₀ (fish): 2993 mg/l (96 hr)

12.2 Persistence and degradability

- Readily biodegradable

12.3 Bioaccumulative potential

- No bioaccumulation potential.

12.4 Mobility in soil

SECTION 12: Ecological information (....)

- immiscible with water

12.5 Results of PBT and vPvB assessment

- This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)., This substance is not considered to be very persistent and very bioaccumulating (vPvB).

12.6 Other adverse effects

- Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration
 - Do not flush spilt material into any public water system
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services.
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SECTION 14: Transport information

Flammable Liquid

14.1 UN number or ID number

- UN No.: 1263

14.2 UN proper shipping name

- Proper Shipping Name: PAINT RELATED MATERIAL

14.3 Transport hazard class(es)

- Hazard Class: 3

14.4 Packing group

- Packing Group: II

14.5 Environmental hazards

- Presents no hazard to the environment

14.6 Special precautions for user

- No special precautions are required for this product

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not applicable
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SECTION 15: Regulatory information

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

15.2 Chemical safety assessment

- A REACH chemical safety assessment has been carried out

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- EUH066: Repeated exposure may cause skin dryness or cracking. H225: Highly flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness. H361d: Suspected of damaging the unborn child. H373: May cause damage to organs through prolonged or repeated exposure.

Legal Disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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