
SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

- Product Name: Weldtite Dry Lube with Teflon
- Product Part Number: 03306 (75ml); 03135 (100ml)
- UFI: P728-Q1WU-U00T-Q1C9

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

- Use of the substance/mixture: Lubricant

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Weldtite Products Ltd
- Address of Supplier: Unit 9, Harrier Road, Humber Bridge Industrial Estate, Barton upon Humber, North Lincolnshire, DN18 5RP UK
- Telephone: +44 (0)1652 660000
- Email: Sales@weldtite.co.uk
- Web: www.weldtite.cc

EU Authorised Representative: Comply Express Unipessoal Limitada, StartUp Madeira, EV141, Campus daPenteada, 9020 105 Funchal, Portugal
Tel: (+351) 300509778
Email : info@complyexpress.com

1.4 Emergency telephone number

- Emergency Telephone: UK: Contact the NHS Information Service (dial 111, 24hr service)
 - Company: +44 (0)1652 660000 (Available 08:30 to 17:00)
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SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

- CLP: Flam. Liq. 2, Aquatic Chronic 3

2.2 Label elements

- Signal Word: Danger

Hazard statements

- H225 - Highly flammable liquid and vapour.
- H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements

- P102 - Keep out of reach of children.
 - P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 - P233 - Keep container tightly closed.
 - P273 - Avoid release to the environment.
 - Wear protective gloves/eye protection.
 - P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
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SECTION 2: Hazards identification (....)

P501 - Dispose of contents/container to an authorised waste collection point

Supplemental Hazard information (EU)

None

2.3 Other hazards

- Not a PBT according to REACH Annex XIII
 - The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Common Delegated Regulation (EU) 2017/2010 or Common Regulation (EU) 2018/605 at a concentration equal or greater than 0.1%.
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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

CAS Number:
EC Number: 921-024-6
Concentration: 5-10%
Categories: Flam. Liq. 2, Asp. Tox. 1, Skin Irrit. 2, STOT SE 3, Aquatic Chronic 2
REACH Registration Number: 01-2119475514-35
H Statements: H225, H304, H315, H336, H411

n-hexane

CAS Number: 110-54-3
EC Number: 203-777-6
Index No.: 601-037-00-0
Concentration: <1%
Categories: Flam. Liq. 2, Skin Irrit. 2, Repr. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1, Aquatic Chronic 2
H Statements: H225;H361f;H304;H336;H373;H315;H411
Symbols: GHS02;GHS08;GHS07;GHS09
Specific Concentration Limits: (5 < C < 100) STOT RE 2, H373

SECTION 4: First aid measures

4.1 Description of first aid measures

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

Contact with eyes

Rinse cautiously with water for several minutes.

Contact with skin

Rinse skin with water or shower.
Take off immediately all contaminated clothing

Ingestion

Call a POISON CENTRE or doctor if you feel unwell.

Inhalation

Remove person to fresh air and keep comfortable for breathing.

4.2 Most important symptoms and effects, both acute and delayed

- No information available
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SECTION 4: First aid measures (....)

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

- In case of fire use foam, carbon dioxide or dry agent
- Do not use water jets

5.2 Special hazards arising from the substance or mixture

- Smoke from fires is toxic. Take precautions to protect personnel from exposure
- Decomposition products may include carbon oxides
- Highly flammable liquid and vapour.

5.3 Advice for firefighters

- Eliminate all ignition sources.
 - Wear Breathing Apparatus
 - Wear full protective clothing including chemical protection suit
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Eliminate all ignition sources.
- Ensure adequate ventilation

6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses
- Use appropriate containment to avoid environmental contamination
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Absorb spillage in suitable inert material
- Remove contaminated material to safe location for subsequent disposal
- Do not absorb spillage in sawdust or other combustible material
- Seek expert advice for removal and disposal of all contaminated materials and wastes

6.4 Reference to other sections

- See Section 8 + 13
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Ensure adequate ventilation
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Ground and bond container and receiving equipment.
- Use non-sparking tools.
- Take precautionary measures against static discharges
- Use explosion-proof equipment.
- Use personal protective equipment as required.
- Do not eat, drink or smoke when using this product.
- Wash hands thoroughly after using this substance

7.2 Conditions for safe storage, including any incompatibilities

- Keep only in the original container in a cool, well ventilated place away from heat
- Keep container tightly closed

7.3 Specific end use(s)

SECTION 7: Handling and storage (....)

- See Section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

n-hexane

WEL: 20 ppm 72 mg/m³ (8 hour TWA)

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

DNEL (Consumer; dermal, long term systemic effects): 699 mg/kg bw/day

DNEL (Consumer; inhalational, long term systemic effects): 608 mg/m³

DNEL (Consumer; oral, long term systemic effects): 699 mg/kg bw/day

DNEL (Industry; dermal, long term systemic effects): 773 mg/kg bw/day

DNEL (Industry; inhalational, long term systemic effects): 2035 mg/m³

n-hexane

DNEL (Consumer; dermal, long term systemic effects): 5.3 mg/kg bw/day

DNEL (Consumer; inhalational, long term systemic effects): 16 mg/m³

DNEL (Consumer; oral, long term systemic effects): 4 mg/kg bw/day

DNEL (Industry; dermal, long term systemic effects): 11 mg/kg bw/day

DNEL (Industry; inhalational, long term systemic effects): 75 mg/m³

8.2 Exposure controls



- Wear suitable protective clothing, eye/face protection and gloves
- In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Brown
- Odour: Characteristic odour
- Melting point/Range: Not applicable
- Boiling Point/Range: >100 °C
- Flammability: Highly Flammable
- pH: Not applicable
- Solubility in water: Immiscible with water
- Relative density: 0.86
- Flashpoint: < 23 °C
- Odour threshold: Not available
- Autoignition Temperature: >200°C
- Kinematic viscosity: >21 mm²/s

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

- Highly flammable liquid and vapour.

SECTION 10: Stability and reactivity (....)

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 Conditions to avoid

- Keep away from heat
- Eliminate all ignition sources.

10.5 Incompatible materials

- Avoid contact with oxidising substances
- Avoid contact with acids and alkalis

10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides
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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not Classified

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

LC₅₀ (inhalation, rat): 73680 ppm

LD₅₀ (oral, rat): 5840 mg/kg

LD₅₀ (skin, rabbit): 3160 mg/kg

LD₅₀ (skin, rat): 2920 mg/kg

n-hexane

LD₅₀ (oral, rat): 25 mg/kg

LD₅₀ (skin, rat): >2000 mg/kg

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Respiratory or skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT (specific target organ toxicity) - single exposure

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

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Vapours may cause drowsiness and dizziness

SECTION 11: Toxicological information (....)

n-hexane

Vapours may cause drowsiness and dizziness

STOT (specific target organ toxicity) - repeated exposure

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

n-hexane

May cause damage to organs through repeated or prolonged exposure

Aspiration hazard

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

Kinematic viscosity: >21 mm²/s

11.2 Information on other hazards

- No information available
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SECTION 12: Ecological information

12.1 Toxicity

- No information available

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

EC₅₀ (daphnia): 3 mg/l (48 hr)

LC₅₀ (fish): 11.4 mg/l (96 hr)

n-hexane

LC₅₀ (fish): >1 mg/l (96 hr)

12.2 Persistence and degradability

- Biodegradable

12.3 Bioaccumulative potential

- No information available

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Partition coefficient : n-Octanol/water 2.1 - 6

n-hexane

Partition coefficient : n-Octanol/water 3.9

12.4 Mobility in soil

- Insoluble in water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- No information available

12.7 Other adverse effects

- Do not discharge into drains or the environment, dispose to an authorised waste collection point
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Dispose of contents/container to an authorised waste collection point
-

SECTION 14: Transport information



14.1 UN number or ID number

- UN No.: 1993

14.2 UN proper shipping name

- Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.

14.3 Transport hazard class(es)

- Hazard Class: 3

14.4 Packing group

- Packing Group: II

14.5 Environmental hazards

- Presents little or no hazard to the environment

14.6 Special precautions for user

- Tunnel Code: D/E
- Limited quantity (LQ): 1 Ltr
- Contains: Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane n-hexane

14.7 Maritime transport in bulk according to IMO instruments

- Not applicable
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SECTION 15: Regulatory information

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

- The Health and Safety at Work Act applies in the UK
- The COSHH Regulations apply in the UK
- The Hazardous Waste (England and Wales) Regulations 2005 apply in the UK
- The Workplace Directive (89/654/EEC) applies in the UK
- The CLP Regulations apply in the UK
- Where UK Regulations are quoted, then for other nations the equivalent regulations should be identified
- Refer to current ADR Regulations
- Water Hazard Class (Company): 2

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
 - This Safety Data Sheet does not constitute a workplace risk assessment
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H225: Highly flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H336: May cause drowsiness or dizziness. H361f: Suspected of damaging fertility. H373: May cause damage to organs through prolonged or repeated exposure. H411: Toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

ATE = acute toxicity estimate

CAS = Chemical Abstracts Service

CLP = Classification, Labelling and Packaging

SECTION 16: Other information (....)

DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified Chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

Due to major changes made, this Safety Data Sheet should be read entirely as new.

Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.