
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 Wax
- Product Part Number: 03056X (100ml), 03094X (400ml), 03309XJ (75ml)
- UFI: 9HD8-N16P-R006-QF0G

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 (08.30 to16:30 Mon - Fri)
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Eye Irrit. 2

2.2 Label elements



- Signal Word: Warning

Hazard statements

H319 - Causes serious eye irritation.

Precautionary statements

- P102 - Keep out of reach of children.
- P280 - Wear protective gloves/protective clothing/eye protection/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.
- P337+P313 - If eye irritation persists: Get medical advice/attention.

Supplemental Hazard information (EU)

SECTION 2: Hazards identification (....)

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%.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hydrocarbon waxes (petroleum), oxidized

CAS Number: 64743-00-6

EC Number: 265-205-1

Concentration: 5-10%

Categories: Eye Irrit. 2

H Statements: H319

Alcohols, C16-18 and C18-unsatd., ethoxylated

CAS Number: 68920-66-1

EC Number: 500-236-9

Concentration: 1-5%

Categories: Skin Irrit. 2, Aquatic Chronic 3

H Statements: H315;H412

Poly(oxy-1,2-ethanediyl), .alpha.-(9Z)-9-octadecenyl-.omega.-hydroxy-, phosphate

CAS Number: 39464-69-2

EC Number: 609-690-3

Concentration: 1-5%

Categories: Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 3

H Statements: H315;H318;H412;H400

M factor, acute: 1

orthophosphoric acid

CAS Number: 7664-38-2

EC Number: 231-633-2

Index No.: 015-011-00-6

Concentration: <0.1%

Categories: Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1

H Statements: H302;H314;H318

Specific Concentration Limits: Skin Corr. 1B; H314: $C \geq 25\%$
Skin Irrit. 2; H315: $10\% \leq C < 25\%$
Eye Irrit. 2; H319: $10\% \leq C < 25\%$

C9-11 alcohol ethoxylated 6 - 8 moles of EO

CAS Number: 68439-46-3

EC Number: 614-482-0

Concentration: <1%

Categories: Acute Tox. 4, Eye Dam. 1

H Statements: H302;H318

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

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.

Contact with skin

Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water
Seek medical attention if irritation persists

Ingestion

Rinse mouth with water (only if the person is conscious)
Give plenty of water to drink
Do not induce vomiting
Seek medical advice if necessary

Inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest
When in doubt or symptoms persist, seek medical attention

4.2 Most important symptoms and effects, both acute and delayed

- Irritating to eyes

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
 - Eyewash bottles should be available
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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

5.3 Advice for firefighters

- Substance evolves toxic fumes, wear self-contained breathing apparatus
 - Avoid contact with skin and eyes
 - Keep container(s) exposed to fire cool, by spraying with water
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Ensure adequate ventilation
- Wear protective clothing as per section 8

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

SECTION 6: Accidental release measures (....)

- 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

- Handle and open container with care
- Ensure adequate ventilation
- Use good personal hygiene practices

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)

- See Section 1.2
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Alcohols, C16-18 and C18-unsatd., ethoxylated

DNEL (Consumer; dermal, long term systemic effects): 75 mg/kg bw/day
DNEL (Consumer; inhalational, long term systemic effects): 0.00392 mg/m³
DNEL (Consumer; oral, long term systemic effects): 1.5 mg/kg bw/day
DNEL (Industry; dermal, long term systemic effects): 210 mg/kg bw/day
DNEL (Industry; inhalational, long term systemic effects): 22.2 mg/m³

orthophosphoric acid

WEL: 1 mg/m³ (8 hour TWA), 2 mg/m³ (STEL)
DNEL (Consumer; inhalational, long term systemic effects): 0.00457 mg/m³
DNEL (Consumer; oral, long term systemic effects): 0.1 mg/kg bw/day
DNEL (Consumer; inhalational, long term local effects): 0.36 mg/m³
DNEL (Consumer; inhalational, long term systemic effects): 10.7 mg/m³
DNEL (Consumer; inhalational, long term local effects): 1 mg/m³
DNEL (Consumer; inhalational, short term local effects): 2 mg/m³

C9-11 alcohol ethoxylated 6 - 8 moles of EO

DNEL (Consumer; dermal, long term systemic effects): 1250 mg/kg bw/day
DNEL (Consumer; inhalational, long term systemic effects): 0.087 mg/m³
DNEL (Consumer; oral, long term systemic effects): 25 mg/kg bw/day
DNEL (Industry; dermal, long term systemic effects): 2080 mg/kg bw/day
DNEL (Industry; inhalational, long term systemic effects): 294 mg/m³

Alcohols, C16-18 and C18-unsatd., ethoxylated

PNEC (Fresh water):	0.007 mg/l
PNEC (intermittent):	0.1 mg/l
PNEC (Marine water):	0.001 mg/l
PNEC (Sediment; fresh water):	22.79 mg/kg
PNEC (Sediment; marine water):	2.28 mg/kg
PNEC (Soil):	1 mg/kg
PNEC (STP):	2 mg/l

SECTION 8: Exposure controls/personal protection (....)

C9-11 alcohol ethoxylated 6 - 8 moles of EO

PNEC (Fresh water):	0.104 mg/l
PNEC (intermittent):	0.014 mg/l
PNEC (Marine water):	0.104 mg/l
PNEC (Sediment; fresh water):	13.7 mg/kg
PNEC (Sediment; marine water):	13.7 mg/kg
PNEC (Soil):	1 mg/kg
PNEC (STP):	1.4 mg/l

8.2 Exposure controls



- Ensure adequate ventilation
- Wear eye protection.
- Eyewash bottles should be available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: White
- Odour: Not available
- Melting point/Range: Not available
- Boiling Point/Range: Not available
- Flammability: Not applicable
- pH: 7.86 at 100 % concentration
- Solubility in water: Not available
- Relative density: 0.987
- Flashpoint: >93°C

9.2 Other information

- No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

- This article is 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 Conditions to avoid

- Keep away from heat

10.5 Incompatible materials

- Avoid contact with oxidising substances

10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides

SECTION 11: Toxicological information

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

Acute toxicity

Estimated LD₅₀ (oral) (ATE) : >2000 mg/kg
Estimated LD₅₀ (dermal) (ATE) : >4000 mg/kg
Estimated LD₅₀ (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

Hydrocarbon waxes (petroleum), oxidized

LD₅₀ (oral, rat): >5000 mg/kg

Alcohols, C16-18 and C18-unsatd., ethoxylated

LC₅₀ (inhalation, rat): >1.6 mg/l (4 hr)
LD₅₀ (dermal, rabbit): >3000 mg/kg
LD₅₀ (oral, rat): >2000 mg/kg

Poly(oxy-1,2-ethanediyl), .alpha.-(9Z)-9-octadecenyl-.omega.-hydroxy-, phosphate

LD₅₀ (oral, rat): 1430 mg/kg

orthophosphoric acid

LD₅₀ (dermal, rabbit): >1260 mg/kg
LCLo (inhalation, rat): 0.026 mg/l (4 hr)
LD₅₀ (oral, rat): 1530 mg/kg

C9-11 alcohol ethoxylated 6 - 8 moles of EO

LD₅₀ (dermal, rabbit): >2000 mg/kg
LCLo (inhalation, rat): >1.6 mg/l (4 hr)
LD₅₀ (oral, rat): 1378 mg/kg

Skin corrosion/irritation

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

Serious eye damage/irritation

Causes serious eye irritation.
Calculation method

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

STOT (specific target organ toxicity) - repeated exposure

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

Aspiration hazard

SECTION 11: Toxicological information (....)

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

11.2 Information on other hazards

- Substance not identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100
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SECTION 12: Ecological information

12.1 Toxicity

Alcohols, C16-18 and C18-unsatd., ethoxylated

IC₅₀ (algae): 0.031 - 14 mg/l (72 hr)

LC₅₀ (fish): 0.423 - 8.211 mg/l (96 hr)

orthophosphoric acid

IC₅₀ (algae): 77.9 mg/l (72 hr)

EC₅₀ (daphnia): >100 mg/l (48 hr)

LC₅₀ (fish): 67.94-113.76 mg/l (96 hr)

C9-11 alcohol ethoxylated 6 - 8 moles of EO

IC₅₀ (algae): 1.4 mg/l (96 hr)

LC₅₀ (fish): 5.7 mg/l (96 hr)

12.2 Persistence and degradability

orthophosphoric acid

Persistence: High

12.3 Bioaccumulative potential

Alcohols, C16-18 and C18-unsatd., ethoxylated

Log Kow=6.13

Poly(oxy-1,2-ethanediyl), .alpha.-(9Z)-9-octadecenyl-.omega.-hydroxy-, phosphate

Log Kow=6.05

orthophosphoric acid

Low bioaccumulation potential

Log Kow=-0.77

C9-11 alcohol ethoxylated 6 - 8 moles of EO

Low bioaccumulation potential

Log Kow=2.42

12.4 Mobility in soil

orthophosphoric acid

Log Kow=1

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- 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%.

12.7 Other adverse effects

SECTION 12: Ecological information (....)

- No information available
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
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SECTION 14: Transport information

Not classified as hazardous for transport

14.1 UN number or ID number

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not Classified

14.6 Special precautions for user

- Not Classified

14.7 Maritime transport in bulk according to IMO instruments

- No information available
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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
- Water Hazard Class (Company): 1

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:- H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H400: Very toxic to aquatic life. H412: Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses parRoute

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

SECTION 16: Other information (....)

CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
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

Use good personal hygiene practices

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.