

---

**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 Bike Cleaner Concentrate
- Product Part Number: 03159 (1 ltr)
- UFI: 716Q-D270-9006-Y13X

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

- Use of the substance/mixture: Cleaning agent, To be diluted

## 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 16:30 Mon-Fri)
- 

**SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

- CLP: Skin Corr. 1, Eye Dam. 1, Met. Corr. 1, Aquatic Chronic 3

## 2.2 Label elements



- Signal Word: Danger
- Contains: Cocos fatty acid amido propylbetaine  
Quaternary cocos alkylamine ethoxylate  
Disodium Metasilicate Pentahydrate

## Hazard statements

- H314 - Causes severe skin burns and eye damage.
- H290 - May be corrosive to metals.
- H412 - Harmful to aquatic life with long lasting effects.

## Precautionary statements

- P101 - If medical advice is needed, have product container or label at hand.
-

## SECTION 2: Hazards identification (....)

P102 - Keep out of reach of children.

Do not breathe vapour/fumes

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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

P310 - Immediately call a POISON CENTER or doctor/physician.

P405 - Store locked up.

Disposal should be in accordance with local, state or national legislation

### Supplemental Hazard information (EU)

Composition information in accordance with EC Regulation 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents: Anionic surfactants <5%, cationic surfactants <5%, amphoteric surfactants <5%, Preservative Benzisothiazolinone, perfumes Citral, Limonene

### 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%.
- If swallowed or in the event of vomiting, risk of product entering the lungs.

---

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Tetrasodium N,N-bis(carboxylatomethyl-L-glutamate (GLDA-4NA)

CAS Number: 51981-21-6

EC Number: 257-573-7

Concentration: 5 - 10%

H Statements: H290

Categories: Met. Corr. 1

#### Disodium Metasilicate Pentahydrate

CAS Number: 10213-79-3

EC Number: 600-279-4

Concentration: 1-3%

H Statements: H290, H314, H335

Categories: Met. Corr. 1, Skin Corr. 1B, STOT SE 3

Symbols: GHS05, GHS07

#### Sodium (Xylene and 4ethylbenzene) Sulphonate

CAS Number: 1300-72-7

EC Number: 215-090-9

Concentration: 1-5%

H Statements: H319

Categories: Eye Irrit. 2

Symbols: GHS07

#### Cocos fatty acid amido propylbetaine

CAS Number: 97862-59-4

EC Number: 931-296-8

Concentration: 1-5%

H Statements: H318;H412

### SECTION 3: Composition/information on ingredients (....)

Categories: Eye Dam. 1, Aquatic Chronic 3  
Symbols: GHS05

Isopropylidene glycerol (2,2-dimethyl-1,3-dioxolan-4-yl)methanol

CAS Number: 100-79-8  
EC Number: 202-888-7  
Concentration: 5-10%  
H Statements: H319  
Categories: Eye Irrit. 2  
Symbols: GHS07

Quaternary cocos alkylamine ethoxylate

CAS Number: 68989-03-7  
EC Number: 932-750-8  
Concentration: 1-5%  
H Statements: H318, H411  
Categories: Eye Dam. 1, Aquatic Chronic 2  
Symbols: GHS05, GHS09

---

### SECTION 4: First aid measures

Contaminated clothing should be laundered before reuse

#### 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.  
Get immediate medical advice/attention.

Contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water  
Get medical advice/attention if you feel unwell.

Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
Give plenty of water to drink  
Seek medical advice

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Get medical advice/attention if you feel unwell.

#### 4.2 Most important symptoms and effects, both acute and delayed

- Causes irritation
- Classed as corrosive on the basis of pH

#### 4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
  - If swallowed or in the event of vomiting, risk of product entering the lungs.
- 

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

## SECTION 5: Firefighting measures (....)

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide
- Do not use water jets

### 5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire
- Decomposition products may include carbon oxides

### 5.3 Advice for firefighters

- Wear Breathing Apparatus
  - Prevent run off water from entering drains if possible
- 

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Ensure adequate ventilation
- Wear protective clothing as per section 8
- Spillage causes slippery surface

### 6.2 Environmental precautions

- Avoid release to the environment.
- Do not empty into drains
- Do not allow to enter public sewers and watercourses
- 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 inert material and shovel up
- Remove contaminated material to safe location for subsequent disposal

### 6.4 Reference to other sections

- See Section 8 + 13
- 

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Use only in well ventilated areas
- Avoid contact with skin and eyes
- Use personal protective equipment as required.
- Handle and open container with care
- Do not eat, drink or smoke when using this product.
- Take off contaminated clothing and wash it before reuse.
- Wash hands thoroughly after using this substance

### 7.2 Conditions for safe storage, including any incompatibilities

- Keep away from acid
- Keep away from oxidising substances
- Keep in a cool, well ventilated place away from foodstuff
- Keep container tightly closed

### 7.3 Specific end use(s)

- See Section 1.2
- 

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Disodium Metasilicate Pentahydrate

DNEL (Industry; inhalational, long term systemic effects): 6.22 mg/m<sup>3</sup>

DNEL (Industry; dermal, long term systemic effects): 1.49 mg/kg bw/day

DNEL (Consumer; oral, long term systemic effects): 0.74 mg/kg bw/day

---

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

DNEL (Consumer; inhalational, long term systemic effects): 1.55 mg/m<sup>3</sup>  
 DNEL (Consumer; dermal, long term systemic effects): 0.74 mg/kg bw/day

## Sodium (Xylene and 4ethylbenzene) Sulphonate

DNEL (Consumer; dermal, long term local effects): 0.048 mg/kg  
 DNEL (Consumer; inhalational, long term systemic effects): 68.1 mg/m<sup>3</sup>  
 DNEL (Consumer; oral, long term systemic effects): 3.8 mg/kg bw/day  
 DNEL (Industry; dermal, long term systemic effects): 136.25 mg/kg bw/day  
 DNEL (Industry; inhalational, long term systemic effects): 26.9 mg/m<sup>3</sup>

## Tetrasodium N,N-bis(carboxylatomethyl-L-gluatamate (GLDA-4NA)

DNEL (Industry; inhalational, long term systemic effects): 17.3 mg/m<sup>3</sup>  
 DNEL (Industry; dermal, long term systemic effects): 15000 mg/kg bw/day  
 DNEL (Consumer; oral, long term systemic effects): 1.5 mg/kg bw/day  
 DNEL (Consumer; inhalational, long term systemic effects): 1.8 mg/m<sup>3</sup>  
 DNEL (Consumer; dermal, long term systemic effects): 7500 mg/kg bw/day

## Disodium Metasilicate Pentahydrate

PNEC (Fresh water): 7.5 mg/l  
 PNEC (Marine water): 1 mg/l  
 PNEC (STP): 1000 mg/l

## Tetrasodium N,N-bis(carboxylatomethyl-L-gluatamate (GLDA-4NA)

PNEC (Fresh water): 9.45 mg/l  
 PNEC (Marine water): 0.945 mg/l  
 PNEC (STP): 4.12 mg/l  
 PNEC (Soil): 0.5 mg/kg  
 PNEC: 67 mg/kg

## Sodium (Xylene and 4ethylbenzene) Sulphonate

PNEC (Fresh water): 0.23 mg/l  
 PNEC (Marine water): 0.023 mg/l  
 PNEC (Sediment; fresh water): 0.862 mg/kg  
 PNEC (Sediment; marine water): 0.086 mg/kg  
 PNEC (Soil): 0.037 mg/kg  
 PNEC (STP): 100 mg/l

## 8.2 Exposure controls



- Ensure adequate ventilation
- Wear suitable protective clothing, including eye/face protection and gloves (butyl rubber are recommended)
- BS EN PPE Codes: EN166:2001  
                           EN 374-1/-2/-3  
                           EN 340
- 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: Yellow, green
- Odour: Lemon odour
- Melting point/Range: Not applicable

## SECTION 9: Physical and chemical properties (....)

- Boiling Point/Range: 100 °C
- Flammability: Not flammable
- pH: 12-12.2 at 100 % concentration, 10.3-10.4 at 10 % concentration
- Solubility in water: Completely soluble in water
- Density: 1.06-1.07
- Odour threshold: Not available
- Auto-ignition point - not applicable
- Oxidising Properties: None
- Flashpoint: Not applicable

### 9.2 Other information

- Freezing point: 0 °C
- 

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

### 10.2 Chemical stability

- This article is considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- Reactions with acids
- May be corrosive to metals.

### 10.4 Conditions to avoid

- No information available

### 10.5 Incompatible materials

- Avoid contact with acid
- Avoid contact with oxidising substances

### 10.6 Hazardous decomposition products

- No hazardous decomposition products known
- 

## SECTION 11: Toxicological information

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

#### Acute toxicity

Estimated LD<sub>50</sub> (oral) (ATE) : >2000 mg/kg  
Estimated LD<sub>50</sub> (dermal) (ATE) : >4000 mg/kg  
Estimated LD<sub>50</sub> (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

#### Tetrasodium N,N-bis(carboxylatomethyl-L-glutamate) (GLDA-4NA)

LD<sub>50</sub> (oral, rat): >2000 mg/kg bw/day  
LD<sub>50</sub> (skin, rat): >2000 mg/kg bw/day

#### Disodium Metasilicate Pentahydrate

LD<sub>50</sub> (oral, rat): 1152-1349 mg/kg bw/day  
LD<sub>50</sub> (skin, rat): >5000 mg/kg bw/day  
LC<sub>50</sub> (inhalation, rat): >2060 mg/m<sup>3</sup>

#### Sodium (Xylene and 4ethylbenzene) Sulphonate

LC<sub>50</sub> (inhalation, rat): >6.41 mg/l (4 hr)  
LD<sub>50</sub> (dermal, rabbit): >2000 mg/kg

---

## SECTION 11: Toxicological information (....)

LD<sub>50</sub> (oral, rat): >7200 mg/kg

Isopropylidene glycerol (2,2-dimethyl-1,3-dioxolan-4-yl)methanol

LD<sub>50</sub> (oral, rat): 7000 mg/kg

Quaternary cocos alkylamine ethoxylate

LD<sub>50</sub> (oral, rat): >2000 mg/kg

Skin corrosion/irritation

Classed as corrosive on the basis of pH

Serious eye damage/irritation

Causes serious eye damage.

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

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

### 11.2 Information on other hazards

- No information available

---

## SECTION 12: Ecological information

### 12.1 Toxicity

Disodium Metasilicate Pentahydrate

IC<sub>50</sub> (algae): 207 mg/l (72 hr)

EC<sub>50</sub> (daphnia): 1700 mg/l (48 hr)

LC<sub>50</sub> (fish): 210 mg/l (96 hr)

Disodium Metasilicate Pentahydrate

PNEC (Fresh water): 7.5 mg/l

PNEC (intermittent): 7.5 mg/l

PNEC (Marine water): 1 mg/l

PNEC (STP): 1000 mg/l

Sodium (Xylene and 4ethylbenzene) Sulphonate

IC<sub>50</sub> (algae): 230 mg/l (72 hr)

---

## SECTION 12: Ecological information (....)

EC<sub>50</sub> (daphnia): 1000 mg/l (48 hr)  
LC<sub>50</sub> (fish): >1000 mg/l (96 hr)

Sodium (Xylene and 4ethylbenzene) Sulphonate

PNEC (STP): 100 mg/l

Cocos fatty acid amido propylbetaine

IC<sub>50</sub> (algae): 1.5 mg/l (72 hr)  
EC<sub>50</sub> (daphnia): 1.9 mg/l (48 hr)  
LC<sub>50</sub> (fish): 49.4 mg/l (96 hr)

Isopropylidene glycerol (2,2-dimethyl-1,3-dioxolan-4-yl)methanol

LC<sub>50</sub> (fish): 16700 mg/l (96 hr)

Quaternary cocos alkylamine ethoxylate

EC<sub>50</sub> (daphnia): 10-100 mg/l (48 hr)  
LC<sub>50</sub> (fish): 28 mg/l (96 hr)

### 12.2 Persistence and degradability

- Biodegradable

### 12.3 Bioaccumulative potential

- CAS 61789-40-0: Log Kow = 4.2; BCF = 3 (C8 fatty acid derivate); BCF = 71 (C10-C18 and C18 unsaturated fatty acid derivatives)

### 12.4 Mobility in soil

- miscible with 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

- Classed as corrosive on the basis of pH
  - Do not discharge into drains or the environment, dispose to an authorised waste collection point
- 

## SECTION 13: Disposal considerations

Dispose of contents/container according to local, regional or state regulations.

### 13.1 Waste treatment methods

- EU Waste Codes: 070601, 200129, 150110
- 

## SECTION 14: Transport information



### 14.1 UN number or ID number

- UN No.: 1760

### 14.2 UN proper shipping name

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



## SECTION 14: Transport information (....)

### 14.3 Transport hazard class(es)

- Hazard Class: 8

### 14.4 Packing group

- Packing Group: III

### 14.5 Environmental hazards

- Presents little or no hazard to the environment

### 14.6 Special precautions for user

- Tunnel Code: E
- Limited quantity (LQ): 5 Ltr
- Contains: Tetrasodium N,N-bis(carboxylatomethyl-L-glutamate (GLDA-4NA)  
Sodium Metasilicate Pentahydrate

### 14.7 Maritime transport in bulk according to IMO instruments

- No information available
- 

## SECTION 15: Regulatory information

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

- The COSHH Regulations apply in the UK
- The Health and Safety at Work Act applies in the UK
- The Hazardous Waste (England and Wales) Regulations 2005 apply 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
- 

## SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H290: May be corrosive to metals. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H411: Toxic to aquatic life with long lasting effects. H412: Harmful 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

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

## **SECTION 16: Other information (....)**

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

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

### 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.