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 Reload
- Product Part Number: 03130 (30ml); component of 03129
- 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.
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-gluatamate (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
Categories: Eye Dam. 1, Aquatic Chronic 3

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

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

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide

SECTION 5: Firefighting measures (....)

- 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/m³
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
DNEL (Consumer; inhalational, long term systemic effects): 1.55 mg/m³

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

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/m³
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/m³

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

DNEL (Industry; inhalational, long term systemic effects): 17.3 mg/m³
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/m³
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: Green
- Odour: Characteristic odour
- Melting point/Range: Not applicable

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

- Boiling Point/Range: 100 °C
- Flammability: Not flammable
- Explosive Properties: Non-explosive
- 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_{50} (oral) (ATE) : >2000 mg/kg
Estimated LD_{50} (dermal) (ATE) : >4000 mg/kg
Estimated LD_{50} (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

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

LD_{50} (oral, rat): >2000 mg/kg bw/day
LD_{50} (skin, rat): >2000 mg/kg bw/day

Disodium Metasilicate Pentahydrate

LD_{50} (oral, rat): 1152-1349 mg/kg bw/day
LD_{50} (skin, rat): >5000 mg/kg bw/day
LC_{50} (inhalation, rat): >2060 mg/m³

Sodium (Xylene and 4ethylbenzene) Sulphonate

LC_{50} (inhalation, rat): >6.41 mg/l (4 hr)

SECTION 11: Toxicological information (....)

LD_{50} (dermal, rabbit): >2000 mg/kg
LD_{50} (oral, rat): >7200 mg/kg

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

LD_{50} (oral, rat): 7000 mg/kg

Quaternary cocos alkylamine ethoxylate

LD_{50} (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_{50} (algae): 207 mg/l (72 hr)
EC_{50} (daphnia): 1700 mg/l (48 hr)
LC_{50} (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

SECTION 12: Ecological information (....)

IC_{50} (algae): 230 mg/l (72 hr)
EC_{50} (daphnia): 1000 mg/l (48 hr)
LC_{50} (fish): >1000 mg/l (96 hr)

Sodium (Xylene and 4ethylbenzene) Sulphonate

PNEC (STP): 100 mg/l

Cocos fatty acid amido propylbetaine

IC_{50} (algae): 1.5 mg/l (72 hr)
EC_{50} (daphnia): 1.9 mg/l (48 hr)
LC_{50} (fish): 49.4 mg/l (96 hr)

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

LC_{50} (fish): 16700 mg/l (96 hr)

Quaternary cocos alkylamine ethoxylate

EC_{50} (daphnia): 10-100 mg/l (48 hr)
LC_{50} (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 derivates)

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

SECTION 14: Transport information (....)

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

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-gluatamate (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 parRoute
RID = Règlement concernant le transport international ferroviaire de marchandisesdangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses parvoie 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%

SECTION 16: Other information (....)

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

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Use good personal hygiene practices

Do not mix with any other products

Disclaimer
This information relates only to the specific material designated and may not be valid for such material used in combination with any othe rmaterials 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.