

Safety Data Sheet according to REACH regulation (EC) no.1907/2006
1. Identification of the substance/mixture & of the company/undertaking
1.1 Product Identifier

Trade Name : Weldtite Bike Cleaner
 Reference code : 03028 (1 ltr), 03031 (5 ltr), 03033 (25 ltr), 03044/03025/03066 (200ml)
 500ml component of 03092 Service Pack

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

Use of the : Surface cleaner for bicycles
 Substance/Mixture

1.3 Details of the supplier of the safety data sheet

Company: Weldtite Products Ltd., Unit 9, Harrier Road, Humber Bridge Industrial Estate,
 Barton upon Humber North Lincolnshire DN18 5RP UK
 T: +44 (0) 1652 660000, F: +44 (0) 1652 660066,
 E: sales@weldtite W: www.weldtite.co.uk

1.4 Emergency telephone number

Emergency phone number : (Office hours only Mon. – Fri 09.00 – 17.00): +44 (0) 1652 660000

2. Hazards Identification.
2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008

| Hazard Class | Hazard Category | Hazard Statements |
|--------------|-----------------|-------------------|
| Eye Irritant | Category 2 | H319 |

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008


Hazard Symbols: GHS07: Exclamation mark
 Signal word: Warning
 Hazard Statements: H319: Causes serious eye irritation.
 Precautionary Statements:
 P102: Keep out of reach of children.
 P264: Wash hands thoroughly after handling.
 P280: Wear protective gloves/eye protection.
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+313: If eye irritation persists: Get medical attention.

UFI: FQD4-4PTJ-Q915-A7DX

2.3 Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

3. Composition/Information on Ingredients.
3.1 Substances

The product in question is a mixture

3.2 Mixtures

| Ingredient Name | Identifiers | Classification EC/1272/2008 | Classification 67/548/EEC | Concentration Range |
|---------------------------|-------------------------------------|---------------------------------------|-----------------------------|---------------------|
| Ethoxylated Alcohol C9/11 | EC – 605-233-7 CAS – 160875-66-1 | Acute Tox 4 H302 Eye Damage 1 H318 | Harmful R22 Irritant R41 | 1 - 5% |

For the wording of the listed H statements, refer to section 16.

4. First Aid Measures.
4.1 Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion: Wash out mouth with water. If conscious, give half a litre of water to drink immediately.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat. There may be vomiting and diarrhoea.
Inhalation: Exposure may cause coughing or wheezing.
Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3 Indication of immediate medical attention and special treatment needed

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Immediate / special treatment: Eye bathing equipment should be available on the premises.

5. Fire Fighting Measures:**5.1 Extinguishing Media**

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3 Advice for fire fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures.**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and materials for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

Refer to section 8 of SDS.

7. Handling and Storage.**7.1 Precautions for safe handling**

Ensure there is sufficient ventilation of the area.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area.

7.3 Specific end uses

To be used as a surface cleaner for bicycles

8. Exposure Controls/Personal Protection.**8.1 Control parameters**

Workplace exposure limits: No data available.

DNEL / PNEC No data available.

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: Prevent from entering in public sewers or the immediate environment.

9. Physical and Chemical Properties.**9.1 Information on basic physical and chemical properties**

| | |
|---|--------------------------|
| Appearance: | Clear Orange Fluid |
| Odour: | Barely perceptible odour |
| Odour Threshold: | Not determined |
| pH Neat: | 12.0 typical |
| Freezing Point: | 0°C |
| Initial Boiling Point & Boiling Range: | 100°C |
| Flash Point: | Not applicable |
| Evaporation rate: | Slow |
| Flammability: | Not Flammable |
| Upper/Lower Flammability Limits: | Not applicable |
| Vapour Density: | Not determined |
| Relative Density: | 1.00 typical @ 20°C |
| Solubility: | Highly soluble in water |
| Partition Coefficient (Oct/Water): | Not determined |
| Auto Ignition Temperature: | Not applicable |
| Decomposition Temperature: | >100°C |
| Viscosity: | As water |
| Explosive Properties: | Not applicable |
| Oxidising Properties: | Not applicable |
| pH: | <11.5 |

9.2 Other Information

No data available.

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10. Stability and Reactivity.**10.1 Reactivity**

No data available

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to Avoid:

Hot surfaces.

10.5 Incompatible materials

Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products

In combustion emits toxic fumes.

11. Toxicological Information.**11.1 Information on toxicological effects****Hazardous ingredients:**

ETHOXYLATED ALCOHOLS C9/11

| | | | |
|------|-----|------|-----------|
| ORAL | RAT | LD50 | 500 mg/kg |
|------|-----|------|-----------|

Relevant hazards for substance:

| Hazard | Route | Basis |
|-------------------------------|-------|--------------------|
| Serious eye damage/irritation | OPT | Based on test data |

Symptoms / routes of exposure**Skin contact:**

There may be mild irritation at the site of contact.

Eye contact:

There may be irritation and redness. The eyes may water profusely.

Ingestion:

There may be soreness and redness of the mouth and throat. There may be vomiting and diarrhoea.

Inhalation:

Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.**Other information:**

Not applicable.

12. Ecological Information.**12.1 Toxicity**

ETHOXYLATED ALCOHOLS C9/11

| | | |
|-------------------------|-----------|--------------|
| Daphnia magna | 48H EC50 | >10-100 mg/l |
| Scenedesmus Subspicatus | 72H ErC50 | >10-100 mg/l |

12.2 Persistence and Degradability:

Biodegradable. The surfactant(s) contained in this preparation complies (comply) with the Biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents, (or are undergoing testing to obtain a derogation within the terms of the directive). Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bio-accumulative potential

Not expected to bio-accumulate

12.4 Mobility in soil

Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects

Not known.

13. Disposal Recommendations.**13.1 Waste treatment methods****Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. Transport Information.**

Product is not classified as hazardous for transport.

15. Regulatory Information.**15.1. Regulations / legislation specific for the substance or mixture Safety, health and environment.****Labelling in accordance with the Detergents Directive (EC) No. 648/2004**

Less than 5% non-ionic surfactants.

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This safety data sheet is prepared in accordance with Regulation No. 2015/830

1907/2006/EC - Registration, Evaluation, Authorisation and Restriction of Chemicals and amendments.

98/24/EC - Protection of workers from the risk related to chemical agents at work. Refer to Directive for details of requirements.

1272/2008 - Classification, labelling and packaging of substances and mixtures and amendments.

Refer to the relevant EU/national regulation for details of any actions or restrictions required by the above Regulation(s)/Directive(s).

The regulatory information provided may not be comprehensive. Other regulations may apply to this product.

15.2 Chemical safety assessment

No information at the present time.

16. Other Information.**Full text of H-Statements referred to under sections 2 & 3**

H302: Harmful if swallowed

H318: Causes serious eye damage

H319: Causes serious eye irritation.

Training Advice

Users should be trained in good industrial hygiene practise.

This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).

Do not mix with other chemicals.

Further Information

The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy themselves that the product is entirely suitable for his purpose.

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

1.1 Product identifier

Weldtite TF2 Lubricant with Teflon
Article number: 03015 / 03315 (400ml), 03021 (150ml)

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

1.2.1 Relevant uses

Lubricant

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

Weldtite Products Ltd.
Unit 9, Harrier Road, Humber Ind. Estate
Barton-on Humber North Lincolnshire DN 18 5RP / UK
Phone 0044-1652-660000
Fax 0044-1652-660066
Homepage www.weldtite.co.uk
E-mail sales@weldtite.co.uk

Address enquiries to

Technical information

sales@weldtite.co.uk

Safety Data Sheet

sdb@chemiebuero.de

1.4 Emergency telephone number

Company

+44 (0) 1652 660000 Mo-Fr 8:00 - 17:00

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Aerosol 1: H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.

Asp. Tox. 1: H304 May be fatal if swallowed and enters airways.

2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

Hazard pictograms



Signal word

DANGER

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P280 Wear protective gloves / eye protection / face protection.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122°F.

Special labelling

EUH066 Repeated exposure may cause skin dryness or cracking.

UFI:

GKJU-7V0D-QS23-JAR8

2.3 Other hazards

| | |
|---------------------------------|--|
| Physico-chemical hazards | Heat causes increase in pressure and risk of bursting. |
| Environmental hazards | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. |
| Other hazards | Further hazards were not determined with the current level of knowledge. |

SECTION 3: Composition / Information on ingredients

3.1 Substances not applicable

3.2 Mixtures

The product is a mixture.

| Range [%] | Substance |
|-------------|--|
| 50 - <60 | Hydrocarbons, C11- C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics EINECS/ELINCS: 926-141-6, Reg-No.: 01-2119456620-43-XXXX GHS/CLP: Asp. Tox. 1: H304 |
| 20 - <40 | Petroleum gases, liquefied (< 0,1% 1,3-butadiene) CAS: 68476-85-7, EINECS/ELINCS: 270-704-2, EU-INDEX: 649-202-00-6 GHS/CLP: Flam. Gas 1: H220 - Press. Gas (Liquefied gas): H280 |
| 1 - <5 | Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. With 2-propanamine CAS: 84961-74-0, EINECS/ELINCS: 284-664-9, Reg-No.: 01-2119985163-33-XXXX GHS/CLP: Eye Irrit. 2: H319 - Skin Irrit. 2: H315 - Aquatic Chronic 3: H412 |
| 0,1 - <0,25 | Alcohols, C11-14-iso-, C13-rich, ethoxylated CAS: 78330-21-9, EINECS/ELINCS: 616-609-5 GHS/CLP: Eye Dam. 1: H318 - Aquatic Acute 1: H400 - Aquatic Chronic 3: H412, M_acute = 1 |
| 0,1 - <0,25 | (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine CAS: 110-25-8, EINECS/ELINCS: 203-749-3, Reg-No.: 01-2119488991-20-XXXX GHS/CLP: Eye Dam. 1: H318 - Skin Irrit. 2: H315 - Aquatic Acute 1: H400 - Acute Tox. 4: H332, M_acute = 1 |

Comment on component parts Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

| | |
|----------------------------|---|
| General information | Take off contaminated clothing and wash before reuse. |
| Inhalation | Ensure supply of fresh air. In the event of symptoms seek medical treatment. |
| Skin contact | In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists. |
| Eye contact | 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. |
| Ingestion | Rinse out mouth and give plenty of water to drink. Seek medical advice. Do not induce vomiting. Consult a doctor immediately. |

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

| | |
|---|--|
| Suitable extinguishing media | Foam, dry powder, water spray jet, carbon dioxide. |
| Extinguishing media that must not be used | Full water jet. |

5.2 Special hazards arising from the substance or mixture

Bursting aerosols can be forcibly projected from a fire.
Risk of formation of toxic pyrolysis products.
Carbon monoxide (CO).
Carbon dioxide (CO₂)
Not combusted hydrocarbons.

5.3 Advice for firefighters

Use self-contained breathing apparatus.
Do not inhale explosion and/or combustion gases.
Cool containers at risk with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition.
Ensure adequate ventilation.
Use personal protective equipment.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.
Take up residues with absorbent material (e.g. sand).
Dispose of absorbed material in accordance with the regulations.

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 spraying in enclosed areas.
Avoid contact with eyes and skin. Use personal protective equipment.
Keep away from open flames, hot surfaces and sources of ignition.
Do not smoke.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C.
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.
Do not pierce or burn, even after use.
Do not eat, drink, smoke or take drugs at work.
Take off contaminated clothing and wash before reuse.
Wash hands before breaks and after work.
Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Provide solvent-resistant and impermeable floor.

Do not store together with oxidizing agents.

Do not store together with food and animal food/diet.

Protect from heat/overheating and from sun.

Keep in a cool place, heat causes increase in pressure and risk of bursting.

Keep container in a well-ventilated place.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

| |
|---|
| Substance |
| Hydrocarbons, C11- C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics |
| EINECS/ELINCS: 926-141-6, Reg-No.: 01-2119456620-43-XXXX |
| Long-term exposure: 1200 mg/m ³ , Advisory OEL (CEFIC-HSPA) |
| Petroleum gases, liquefied (< 0,1% 1,3-butadiene) |
| CAS: 68476-85-7, EINECS/ELINCS: 270-704-2, EU-INDEX: 649-202-00-6 |
| Long-term exposure: 1000 ppm, 1750 mg/m ³ , Carc (only applies if LPG contains more than 0.1% of buta-1,3-diene) |
| Short-term exposure (15-minute): 1250 ppm, 2180 mg/m ³ |

DNEL

| |
|---|
| Substance |
| Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. With 2-propanamine, CAS: 84961-74-0 |
| Industrial, dermal, Long-term - systemic effects: 0,94 mg/kg/day. |
| Industrial, inhalative, Long-term - systemic effects: 3,33 mg/m ³ . |
| general population, dermal, Long-term - systemic effects: 0,47 mg/kg/day. |
| general population, oral, Long-term - systemic effects: 0,47 mg/kg/day. |
| general population, inhalative, Long-term - systemic effects: 0,82 mg/m ³ . |
| (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine, CAS: 110-25-8 |
| Industrial, dermal, Acute - systemic effects: 100 mg/kg. |
| Industrial, inhalative, Long-term - systemic effects: 0,2 mg/m ³ . |
| Industrial, inhalative, Acute - systemic effects: 18 mg/m ³ . |
| Industrial, inhalative, Long-term - local effects: 0,01 mg/m ³ . |
| Industrial, dermal, Long-term - systemic effects: 10 mg/kg. |
| Industrial, inhalative, Acute - local effects: 18 mg/m ³ . |
| general population, oral, Acute - systemic effects: 92 mg/kg. |
| general population, inhalative, Long-term - systemic effects: 0,1 mg/m ³ . |
| general population, inhalative, Acute - systemic effects: 9 mg/m ³ . |
| general population, inhalative, Long-term - local effects: 0,005 mg/m ³ . |
| general population, inhalative, Acute - local effects: 9 mg/m ³ . |
| general population, dermal, Long-term - systemic effects: 5 mg/kg. |
| general population, dermal, Acute - systemic effects: 50 mg/kg. |
| general population, oral, Long-term - systemic effects: 5 mg/kg. |

PNEC

| |
|---|
| Substance |
| Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. With 2-propanamine, CAS: 84961-74-0 |
| soil, 35 mg/kg. |
| sewage treatment plants (STP), 1,67 mg/l. |
| sediment (seawater), 8,1 mg/kg. |
| sediment (freshwater), 8,1 mg/kg. |
| seawater, 0,0268 mg/l. |
| freshwater, 0,268 mg/l. |
| (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine, CAS: 110-25-8 |
| seawater, 0,000043 mg/l. |
| freshwater, 0,00043 mg/l. |

8.2 Exposure controls

| | |
|--|---|
| Additional advice on system design | Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances. |
| Eye protection | Safety glasses. (EN 166:2001) |
| Hand protection | The details concerned are recommendations. Please contact the glove supplier for further information. In full contact: > 0,11 mm, Butyl rubber, >480 min (EN 374-1/-2/-3). In splash contact: > 0,11 mm, butyl rubber, > 120 min (EN 374-1/-2/-3) |
| Skin protection | Solvent-resistant protective clothing (EN 340) |
| Other | Do not inhale aerosols. Avoid contact with eyes and skin. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier. |
| Respiratory protection | In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, filter A. (DIN EN 14387) |
| Thermal hazards | See SECTION 7. |
| Delimitation and monitoring of the environmental exposition | Comply with applicable environmental regulations limiting discharge to air, water and soil. |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|------------------------------|
| Form | aerosol |
| Color | amber colour |
| Odor | characteristic |
| Odour threshold | No information available. |
| pH-value | not applicable |
| pH-value [1%] | not applicable |
| Boiling point [°C] | not applicable |
| Flash point [°C] | not applicable |
| Flammability (solid, gas) [°C] | Extremely flammable aerosol. |
| Lower explosion limit | No information available. |
| Upper explosion limit | No information available. |
| Oxidising properties | no |
| Vapour pressure/gas pressure [kPa] | No information available. |
| Density [g/ml] | No information available. |
| Bulk density [kg/m³] | not applicable |
| Solubility in water | not applicable |
| Partition coefficient [n-octanol/water] | No information available. |
| Viscosity | not applicable |
| Relative vapour density determined in air | not applicable |
| Evaporation speed | not applicable |
| Melting point [°C] | not applicable |
| Autoignition temperature [°C] | not applicable |
| Decomposition temperature [°C] | not applicable |

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.
Heat causes increase in pressure and risk of bursting.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.4 Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.
Avoid temperatures above 50°C.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

Flammable gases/vapours.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

| |
|---|
| Substance |
| Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. With 2-propanamine, CAS: 84961-74-0 |
| LD50, oral, Rat: > 2000 mg/kg. |
| (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine, CAS: 110-25-8 |
| LD50, oral, Rat: > 5000 mg/kg. |
| LC50, inhalative, Rat: 1,8 mg/l/1h (dust/mist). |
| LC50, inhalative, Rat: 3,7 mg/l/1h (dust/mist). |
| Petroleum gases, liquefied (< 0,1% 1,3-butadiene), CAS: 68476-85-7 |
| LC50, inhalative, Rat: > 20 mg/l/4h. |
| Hydrocarbons, C11- C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-47-8 |
| LD50, dermal, Rabbit: > 5000 mg/kg. |
| LD50, oral, Rat: > 5000 mg/kg. |
| LC50, inhalative, Rat: > 5000 mg/m ³ /8h. |

Serious eye damage/irritation Based on the available information, the classification criteria are not fulfilled.

Skin corrosion/irritation Repeated exposure may cause skin dryness or cracking.
 Calculation method

Respiratory or skin sensitisation Based on the available information, the classification criteria are not fulfilled.

Specific target organ toxicity — single exposure Based on the available information, the classification criteria are not fulfilled.

Specific target organ toxicity — repeated exposure Based on the available information, the classification criteria are not fulfilled.

Mutagenicity Based on the available information, the classification criteria are not fulfilled.

Reproduction toxicity Based on the available information, the classification criteria are not fulfilled.

Carcinogenicity Based on the available information, the classification criteria are not fulfilled.

Aspiration hazard May be fatal if swallowed and enters airways.
 Calculation method

General remarks

Toxicological data of complete product are not available.
 The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

SECTION 12: Ecological information

12.1 Toxicity

| |
|---|
| Substance |
| Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. With 2-propanamine, CAS: 84961-74-0 |
| LC50, (96h), fish: 1 - 5 mg/l. |
| EC50, (48h), Algae: > 10 mg/l. |
| EC50, (96h), Daphnia magna: 15 mg/l. |
| (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine, CAS: 110-25-8 |
| LC50, (96h), Leuciscus idus: 9,3 mg/l. |
| EC50, (48h), Daphnia magna: 0,43 mg/l (OECD 202). |
| EC50, (72h), Desmodesmus subspicatus: 6,3 mg/l. |
| Hydrocarbons, C11- C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-47-8 |
| LC50, (96h), Oncorhynchus mykiss: > 1000 mg/l. |
| EC50, (48h), Daphnia magna: > 1000 mg/l. |
| NOELR, (21d), Daphnia magna: ~ 1,22 mg/l. |
| NOELR, (28d), Oncorhynchus mykiss: ~ 0,17 mg/l. |
| NOELR, (72h), Pseudokirchneriella subcapitata: > 1000 mg/l. |

12.2 Persistence and degradability

| | |
|--|---------------------------|
| Behaviour in environment compartments | No information available. |
| Behaviour in sewage plant | No information available. |
| Biological degradability | No information available. |

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

not applicable

12.6 Other adverse effects

Ecological data of complete product are not available.

The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

Do not discharge product unmonitored into the environment or into the drainage.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.

Waste no. (recommended)

160504* gases in pressure containers (including halons) containing dangerous substances

Contaminated packaging

Uncontaminated packaging may be taken for recycling.
Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended)

150104
150110* packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

14.1 UN number


Transport by land according to ADR/RID 1950


Inland navigation (ADN) 1950


Marine transport in accordance with IMDG 1950


Air transport in accordance with IATA 1950

14.2 UN proper shipping name

Transport by land according to ADR/RID Aerosols
- Classification Code 5F
- Label 
- ADR LQ 1 I
- ADR 1.1.3.6 (8.6) Transport category (tunnel restriction code) 2 (D)

Inland navigation (ADN) Aerosols
- Classification Code 5F
- Label 

Marine transport in accordance with IMDG Aerosols
- EMS F-D, S-U
- Label 
- IMDG LQ 1 I

Air transport in accordance with IATA Aerosols, flammable
- Label 

14.3 Transport hazard class(es)

Transport by land according to ADR/RID 2
Inland navigation (ADN) 2
Marine transport in accordance with IMDG 2.1
Air transport in accordance with IATA 2.1

14.4 Packing group

Transport by land according to ADR/RID not applicable
Inland navigation (ADN) not applicable
Marine transport in accordance with IMDG not applicable
Air transport in accordance with IATA not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

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

No information available.

SECTION 15: Regulatory information

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

| | |
|---|---|
| EEC-REGULATIONS | 2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014 |
| TRANSPORT-REGULATIONS | ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2020) |
| NATIONAL REGULATIONS (GB): | EH40/2005 Workplace exposure limits (Second edition, published December 2011). |
| - Observe employment restrictions for people | Observe employment restrictions for young people. SEVESO III (Directive 2012/18/EU), Hazard categories in accordance with Regulation (EC) No 1272/2008: P3a FLAMMABLE AEROSOLS Qualifying quantity (tonnes), Column 2: 150 (netto) Qualifying quantity (tonnes), Column 3: 500 (netto) |
| - VOC (2010/75/CE) | ca. 85 % |

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H332 Harmful if inhaled.
H400 Very toxic to aquatic life.
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H280 Contains gas under pressure; may explode if heated.
H220 Extremely flammable gas.
H304 May be fatal if swallowed and enters airways.

16.2 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
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
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
LL50 = Median lethal loading
LQ = Limited Quantities
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

16.3 Other information

Classification procedure

Aerosol 1: H222 Extremely flammable aerosol. (Bridging principle "Aerosols") H229 Pressurized container: May burst if heated. (Bridging principle "Aerosols")
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways. (Bridging principle "Aerosols")

Modified position

SECTION 2 been added: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 8 been added: In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection.

SECTION 8 deleted: If ventilation is insufficient, wear respiratory protection.

SECTION 12 deleted: Based on all available information not to be classified as PBT or vPvB respectively.



Copyright: Chemiebüro®



Section 1: Identification of the substance / preparation and of the company
1.1 Product identifier

Product name: TF2 Performance Lubricant with Teflon™ surface protector
Product No. 03047 (100ml); 03074 (400ml); 03048 (1 ltr); 03049 (5 ltr); 03058 (50ml); 02015 (7ml); 03308 (75ml)

1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Lubricant for bicycles.

1.3 Details of the supplier of the safety data sheet

Company: Weldtite Products Ltd
 Unit 9, Harrier Road, Humber Bridge Industrial Estate
 Barton upon Humber, North Lincolnshire DN18 5RP UK
T: +44 (0)1652 660000 **F:** +44 (0)1652 660066
E: sales@weldtite.co.uk **W:** www.weldtite.co.uk

Responsible

1.4 Emergency phone: **44 (0)1652660000 (Available 08.30 to 17.00)

Section 2: Hazards identification
2.1 Classification of the substance or mixture
2.1.1 Classification according to Regulation (EC) No 1272/2008

| Hazard Class | Hazard Category | Hazard Statements |
|--------------|-----------------|-------------------|
| None | None | None |

The Full Text for all Hazard Statements are displayed in Section 16.

2.2 Label elements
2.2.1 Labelling according to Regulation (EC) No 1272/2008

Precautionary Statements: P102: Keep out of reach of children

UFI CODE: 2XF8-N12M-6001-MJKU

2.3 Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition / Information on ingredients
3.2 Mixtures
Non-classified ingredients:

| Ingredient Name | Identifiers | Classification EC/1272/2008 | % |
|--|------------------------------------|--|---------|
| DISTILLATES (PETROLEUM), SOLVENT REFINED, LIGHT NAPHTHENIC | EC – 265-098-1 CAS – 64741-97-5 | - | 50 - 70 |
| ZINC DIALKYL DITHIOPHOSPHATE | EC – 288-917-4 CAS – 85940-28-9 | Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 2: H411 | <1 |

For the wording of the listed H statements, refer to section 16.

Section 4: First aid measures
4.1 Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Do not induce vomiting. Wash out mouth with water.
Inhalation: Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be vomiting and diarrhoea.
Inhalation: No symptoms.

4.3 Indication of immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures
5.1 Extinguishing Media

Extinguishing Media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3 Advice for fire fighters

Advice for fire fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and materials for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

Refer to section 8 of SDS.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area.

Suitable packaging: Must only be kept in original packaging.

7.3 Specific end uses

To be used as a lubricant for bicycles.

Section 8: Exposure controls / personal protection

8.1 Control parameters

Workplace exposure limits: No data available.

DNEL / PNEC No data available.

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State: Liquid
Colour: Yellow-green
Odour: Characteristic odour
Evaporation rate: Not applicable.
Oxidising: Not applicable.
Solubility in water: Insoluble
Also soluble in: Most organic solvents.
Viscosity: Oily
Kinematic viscosity: >20.5
Viscosity test method: Kinematic viscosity in 10⁻⁶ m²/s at 40°C (ISO 3104/3105)
Boiling point/range °C: >100
Melting point/range °C: No data available.
Flammability limits %: **lower:** No data available.
upper: No data available.
Flash point °C: >100
Part. coeff. n-octanol/water: Not applicable.
Auto flammability °C: >200
Vapour pressure: No data available.
Relative density: 0.885
pH: Not applicable.
VOC g/l: No data available.

9.2 Other Information

No data available.

Section 10: Stability and reactivity**10.1. Reactivity**

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information**11.1 Information on toxicological effects**

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be vomiting and diarrhoea.

Inhalation: No symptoms.

Section 12: Ecological information**12.1. Toxicity**

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Non-volatile. Readily absorbed into soil. Insoluble in water. Floats on water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations**13.1 Waste treatment methods**

NB: the user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Product is not classified as hazardous for transport.

Section 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Safety data sheet according to Regulation (EC) No. 2015/830.

1907/2006/EC - Registration, Evaluation, Authorisation and Restriction of Chemicals and amendments.

98/24/EC - Protection of workers from the risk related to chemical agents at work. Refer to Directive for details of requirements.

1272/2008 - Classification, labelling and packaging of substances and mixtures and amendments.

Refer to the relevant EU/national regulation for details of any actions or restrictions required by the above Regulation(s)/Directive(s).

The regulatory information provided may not be comprehensive. Other regulations may apply to this product.

15.2 Chemical safety assessment

No information at the present time.

Section 16: Other information

16.1 Abbreviations and acronyms used in this data sheet.

ADR : European Agreement concerning the International Transport of Dangerous Goods by Road RID : Regulations Concerning the International Transport of Dangerous Goods by Rail IMDG : International Maritime Code for Dangerous Goods IATA : International Air Transport Association ICAO : International Civil Aviation Organization GHS : Globally Harmonized System of Classification and Labelling of Chemicals EINECS : European Inventory of Existing Commercial Chemical Substances CAS : Chemical Abstracts Service DNEL ; Derived No Effect Level (REACH) PNEC : Predicted No Effect Concentration (REACH) LC50 : Lethal Concentration 50 percent LD50 : Lethal Dose 50 percent

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Training Advice

Users should be trained in good industrial hygiene practise.

This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).

Do not mix with other chemicals.

16.2 Revisions

NOTE: Lines within the margin indicate significant changes from the previous revision.

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 himself as to the suitability of such information for his own particular use.

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

1.1 Product identifier

Weldtite / Dirtwash Citrus Degreaser spray
Article number: 03002(400ml), 03011(150ml)

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

1.2.1 Relevant uses

Degreasing agent
Cleaning agent

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

Weldtite Products Ltd.
Unit 9, Harrier Road, Humber Ind. Estate
Barton-on Humber North Lincolnshire DN 18 5RP / UK
Phone 0044-1652-660000
Fax 0044-1652-660066
Homepage www.weldtite.co.uk
E-mail sales@weldtite.co.uk

Address enquiries to

Technical information

sales@weldtite.co.uk

Safety Data Sheet

sdb@chemiebuero.de

1.4 Emergency telephone number

Company

+44 (0) 1652 660000 Mo-Fr 8:00 - 17:00

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Aerosol 1: H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.
Skin Irrit. 2: H315 Causes skin irritation.
Eye Irrit. 2: H319 Causes serious eye irritation.
STOT SE 3: H336 May cause drowsiness or dizziness.
Aquatic Chronic 2: H411 Toxic to aquatic life with long lasting effects.
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways.

2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

Hazard pictograms



Signal word

DANGER

Contains:

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
Propan-2-ol

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122°F.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/national regulation.

UFI:

XJV9-3NDE-891T-QEKE

Cleaner, 648/2004/CE, contains:

15 - <30% aliphatic hydrocarbons (propellant)
>=30% aliphatic hydrocarbons
fragrances LIMONENE
fragrances CITRAL
fragrances

2.3 Other hazards

Physico-chemical hazards

Heat causes increase in pressure and risk of bursting.

Environmental hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Other hazards

Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

| Range [%] | Substance |
|-----------|---|
| 50 - < 60 | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics |
| | EINECS/ELINCS: 927-510-4, Reg-No.: 01-2119475515-33-XXXX |
| | GHS/CLP: Flam. Liq. 2: H225 - Asp. Tox. 1: H304 - Skin Irrit. 2: H315 - STOT SE 3: H336 - Aquatic Chronic 2: H411 |
| 20 - < 30 | Petroleum gases, liquefied (< 0,1% 1,3-butadiene) |
| | CAS: 68476-85-7, EINECS/ELINCS: 270-704-2, EU-INDEX: 649-202-00-6 |
| | GHS/CLP: Flam. Gas 1: H220 - Press. Gas (Liquefied gas): H280 |
| 20 - < 30 | Propan-2-ol |
| | CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, Reg-No.: 01-2119457558-25-XXXX |
| | GHS/CLP: Flam. Liq. 2: H225 - Eye Irrit. 2: H319 - STOT SE 3: H336 |

Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

| | |
|----------------------------|---|
| General information | Take off contaminated clothing and wash before reuse. |
| Inhalation | Ensure supply of fresh air. Remove the victim into fresh air and keep him calm. In the event of symptoms seek medical treatment. |
| Skin contact | In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists. |
| Eye contact | 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. |
| Ingestion | Rinse out mouth and give plenty of water to drink. Seek medical advice. |

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects
Headache
Vertigo
Tiredness

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

| | |
|--|---|
| Suitable extinguishing media | Carbon dioxide. Water spray jet. Dry powder. Foam. |
| Extinguishing media that must not be used | Full water jet. |

5.2 Special hazards arising from the substance or mixture

Bursting aerosols can be forcibly projected from a fire.
Risk of formation of toxic pyrolysis products.
Not combusted hydrocarbons.
Carbon monoxide (CO).
Carbon dioxide (CO₂)

5.3 Advice for firefighters

Use self-contained breathing apparatus.
Do not inhale explosion and/or combustion gases.
Cool containers at risk with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition.
Ensure adequate ventilation.
Wear suitable protective equipment. For personal protection see SECTION 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.
Take up residues with absorbent material (e.g. sand, sawdust, general-purpose binder).
Dispose of absorbed material in accordance with the regulations.

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 spraying in enclosed areas.
Avoid contact with eyes and skin. Use personal protective equipment.
Keep away from open flames, hot surfaces and sources of ignition.
Do not smoke.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C.
Do not spray on a naked flame or any incandescent material.
Do not pierce or burn, even after use.
Do not eat, drink, smoke or take drugs at work.
Take off contaminated clothing and wash before reuse.
After worktime and before work breaks the affected skin areas must be thoroughly cleaned.
Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Provide solvent-resistant and impermeable floor.
Do not store together with oxidizing agents.
Do not store together with food and animal food/diet.
Keep in a cool place, heat causes increase in pressure and risk of bursting.
Protect from heat/overheating and from sun.
Keep container in a well-ventilated place.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

| |
|---|
| Substance |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics |
| EINECS/ELINCS: 927-510-4, Reg-No.: 01-2119475515-33-XXXX |
| Long-term exposure: 500 ppm, 2085 mg/m ³ , (Heptane) |
| Petroleum gases, liquefied (< 0,1% 1,3-butadiene) |
| CAS: 68476-85-7, EINECS/ELINCS: 270-704-2, EU-INDEX: 649-202-00-6 |
| Long-term exposure: 1000 ppm, 1750 mg/m ³ , Carc (only applies if LPG contains more than 0.1% of buta-1,3-diene) |
| Short-term exposure (15-minute): 1250 ppm, 2180 mg/m ³ |
| Propan-2-ol |
| CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, Reg-No.: 01-2119457558-25-XXXX |
| Long-term exposure: 400 ppm, 999 mg/m ³ |
| Short-term exposure (15-minute): 500 ppm, 1250 mg/m ³ |

DNEL

| |
|---|
| Substance |
| Propan-2-ol, CAS: 67-63-0 |
| Industrial, dermal, Long-term - systemic effects: 888 mg/kg bw/day. |
| Industrial, inhalative, Long-term - systemic effects: 500 mg/m ³ . |
| general population, oral, Long-term - systemic effects: 26 mg/kg bw/day. |
| general population, dermal, Long-term - systemic effects: 319 mg/kg bw/day. |
| general population, inhalative, Long-term - systemic effects: 89 mg/m ³ . |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics |
| Industrial, inhalative (vapor), Long-term - systemic effects: 2085 mg/m ³ . |
| Industrial, dermal, Long-term - systemic effects: 300 mg/kg. |
| general population, oral, Long-term - systemic effects: 149 mg/kg bw. |
| general population, dermal, Long-term - systemic effects: 149 mg/kg bw. |
| general population, inhalative (vapor), Long-term - systemic effects: 447 mg/m ³ . |

PNEC

| |
|---|
| Substance |
| Propan-2-ol, CAS: 67-63-0 |
| soil, 28 mg/kg soil dw. |
| sediment (seawater), 552 mg/kg sediment dw. |
| sediment (freshwater), 552 mg/kg sediment dw. |
| sewage treatment plants (STP), 2251 mg/l. |
| seawater, 140,9 mg/l. |
| freshwater, 140,9 mg/l. |

8.2 Exposure controls

| | |
|--|--|
| Additional advice on system design | Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances. |
| Eye protection | Safety glasses. (EN 166:2001) |
| Hand protection | The details concerned are recommendations. Please contact the glove supplier for further information. In full contact: > 0,11 mm, Nitrile rubber, >480 min (EN 374-1/-2/-3). > 0,11 mm, Neoprene, >480 min (EN 374-1/-2/-3). > 0,11 mm, >480 min, PVC (EN 374-1/-2/-3). In splash contact: > 0,11 mm, Nitrile rubber, >120 min (EN 374-1/-2/-3). |
| Skin protection | Solvent-resistant protective clothing (EN 340) |
| Other | Do not breathe vapour/spray. Avoid contact with eyes and skin. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier. |
| Respiratory protection | In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, filter A. (DIN EN 14387) |
| Thermal hazards | See SECTION 7. |
| Delimitation and monitoring of the environmental exposition | Protect the environment by applying appropriate control measures to prevent or limit emissions. |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|---------------------------|
| Form | aerosol |
| Color | colourless yellowish |
| Odor | citrus |
| Odour threshold | No information available. |
| pH-value | not applicable |
| pH-value [1%] | not applicable |
| Boiling point [°C] | not applicable |
| Flash point [°C] | -76 (Propellant) |
| Flammability (solid, gas) [°C] | not applicable |
| Lower explosion limit | No information available. |
| Upper explosion limit | No information available. |
| Oxidising properties | no |
| Vapour pressure/gas pressure [kPa] | No information available. |
| Density [g/ml] | 0,68 |
| Bulk density [kg/m³] | not applicable |
| Solubility in water | not applicable |
| Partition coefficient [n-octanol/water] | not determined |
| Viscosity | not applicable |
| Relative vapour density determined in air | not applicable |
| Evaporation speed | not applicable |
| Melting point [°C] | not applicable |
| Autoignition temperature [°C] | not applicable |
| Decomposition temperature [°C] | not applicable |

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.
Heat causes increase in pressure and risk of bursting.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.
Reactions with strong oxidizing agents.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Avoid temperatures above 50°C.

10.5 Incompatible materials

See SECTION 10.3.

10.6 Hazardous decomposition products

Flammable gases/vapours.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

| |
|--|
| Substance |
| Propan-2-ol, CAS: 67-63-0 |
| LD50, dermal, Rabbit: 13000 mg/kg. |
| LD50, oral, Rat: 4700-5800 mg/kg. |
| LC50, inhalative, Rat: 19000 ppm /8h. |
| Petroleum gases, liquefied (< 0,1% 1,3-butadiene), CAS: 68476-85-7 |
| LC50, inhalative, Rat: > 20 mg/l/4h. |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics |
| LD50, dermal, Rabbit: 2800 - 3100 mg/kg. |
| LD50, oral, Rat: > 5840 mg/kg. |
| LC50, inhalative, Rat: > 23,3 mg/l/4h. |

| | |
|---|--|
| Serious eye damage/irritation | Irritant Calculation method |
| Skin corrosion/irritation | Irritant Calculation method |
| Respiratory or skin sensitisation | Based on the available information, the classification criteria are not fulfilled. |
| Specific target organ toxicity — single exposure | Vapours may cause drowsiness and dizziness. Calculation method |
| Specific target organ toxicity — repeated exposure | Based on the available information, the classification criteria are not fulfilled. |
| Mutagenicity | Based on the available information, the classification criteria are not fulfilled. |
| Reproduction toxicity | Based on the available information, the classification criteria are not fulfilled. |
| Carcinogenicity | Based on the available information, the classification criteria are not fulfilled. |
| Aspiration hazard | May be fatal if swallowed and enters airways. Calculation method |
| General remarks | |

Toxicological data of complete product are not available.
 The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

SECTION 12: Ecological information

12.1 Toxicity

| |
|---|
| Substance |
| Propan-2-ol, CAS: 67-63-0 |
| LC50, (96h), fish: 9640-10400 mg/l. |
| EC50, (48h), Daphnia magna: 7550-13299 mg/l. |
| IC50, (72h), Desmodesmus subspicatus: > 1000 mg/l. |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics |
| LC50, (96h), Oncorhynchus mykiss: > 13,4 mg/l. |
| EC50, (24h), Pseudokirchneriella subcapitata: 10 - 30 mg/l. |
| EC50, (48h), Daphnia magna: 3 mg/l. |
| NOEC, (21d), Daphnia magna: 0,17 mg/l. |

12.2 Persistence and degradability

| | |
|--|--|
| Behaviour in environment compartments | No information available. |
| Behaviour in sewage plant | No information available. |
| Biological degradability | No surfactants are contained. EG-No. 927-510-4: Biodegradable. CAS 67-63-0: Biodegradable. |

12.3 Bioaccumulative potential

EG-No. 927-510-4: log Kow=4,66
CAS 67-63-0: Accumulation in organisms is not expected.

12.4 Mobility in soil

CAS 67-63-0: The product is water soluble.
EG-No. 927-510-4: The product is insoluble in water.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Other adverse effects

Ecological data of complete product are not available.
The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.
Do not discharge product unmonitored into the environment or into the drainage.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

| | |
|--------------------------------|--|
| Product | Dispose of as hazardous waste. |
| Waste no. (recommended) | 160504* gases in pressure containers (including halons) containing dangerous substances |
| Contaminated packaging | Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product. |
| Waste no. (recommended) | 150104 150110* packaging containing residues of or contaminated by hazardous substances |

SECTION 14: Transport information

14.1 UN number

| | |
|---|------|
| Transport by land according to ADR/RID | 1950 |
| Inland navigation (ADN) | 1950 |
| Marine transport in accordance with IMDG | 1950 |
| Air transport in accordance with IATA | 1950 |

14.2 UN proper shipping name

Transport by land according to ADR/RID Aerosols

- Classification Code 5F

- Label 

- ADR LQ 1 I

- ADR 1.1.3.6 (8.6) Transport category (tunnel restriction code) 2 (D)

Inland navigation (ADN) Aerosols

- Classification Code 5F

- Label 

Marine transport in accordance with IMDG Aerosols (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics)

- EMS F-D, S-U

- Label  

- IMDG LQ 1 I

Air transport in accordance with IATA Aerosols, flammable

- Label 

14.3 Transport hazard class(es)

Transport by land according to ADR/RID 2

Inland navigation (ADN) 2

Marine transport in accordance with IMDG 2.1

Air transport in accordance with IATA 2.1

14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.5 Environmental hazards

| | |
|--|------------------|
| Transport by land according to ADR/RID | yes |
| Inland navigation (ADN) | yes |
| Marine transport in accordance with IMDG | MARINE POLLUTANT |
| Air transport in accordance with IATA | yes |

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

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

No information available.

SECTION 15: Regulatory information

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

| | |
|---|---|
| EEC-REGULATIONS | 2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014 |
| TRANSPORT-REGULATIONS | ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2020) |
| NATIONAL REGULATIONS (GB): | EH40/2005 Workplace exposure limits (Second edition, published December 2011). |
| - Observe employment restrictions for people | Observe employment restrictions for young people. SEVESO III (Directive 2012/18/EU), Hazard categories in accordance with Regulation (EC) No 1272/2008: P3a FLAMMABLE AEROSOLS Qualifying quantity (tonnes), Column 2: 150 Qualifying quantity (tonnes), Column 3: 500 E2 ENVIRONMENTAL HAZARDS Qualifying quantity (tonnes), Column 2: 200 Qualifying quantity (tonnes), Column 3: 500 |
| - VOC (2010/75/CE) | ca. 100% |

15.2 Chemical safety assessment

For the following substances of this preparation a chemical safety assessment has been carried out:
CAS 67-63-0; EG 927-510-4.

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H280 Contains gas under pressure; may explode if heated.
H220 Extremely flammable gas.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.
H336 May cause drowsiness or dizziness.
H315 Causes skin irritation.
H304 May be fatal if swallowed and enters airways.
H225 Highly flammable liquid and vapour.

16.2 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
 EL50 = Median effective loading
 ELINCS = European List of Notified Chemical Substances
 EmS = Emergency Schedules
 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
 LL50 = Median lethal loading
 LQ = Limited Quantities
 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

16.3 Other information**Classification procedure**

Aerosol 1: H222 Extremely flammable aerosol. (Bridging principle "Aerosols") H229
 Pressurised container: May burst if heated. (Bridging principle "Aerosols")
 Skin Irrit. 2: H315 Causes skin irritation. (Calculation method)
 Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)
 STOT SE 3: H336 May cause drowsiness or dizziness. (Calculation method)
 Aquatic Chronic 2: H411 Toxic to aquatic life with long lasting effects. (Calculation method)
 Asp. Tox. 1: H304 May be fatal if swallowed and enters airways. (Bridging principle "Aerosols")

Modified position

SECTION 2 been added: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
 SECTION 8 been added: In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection.
 SECTION 8 deleted: If ventilation is insufficient, wear respiratory protection.
 SECTION 12 been added: Accumulation in organisms is not expected.
 SECTION 12 been added: The product is insoluble in water.
 SECTION 12 been added: The product is water soluble.
 SECTION 12 deleted: No information available.

Safety Data Sheet 1907/2006/EC - REACH (GB)

Weldtite / Dirtwash Citrus Degreaser spray

Article number 03002(400ml), 03011(150ml)

Weldtite Products Ltd.

Barton-on Humber North Lincolnshire DN 18 5RP



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