

SECTION 1: Identification of the substance/preparation and of the company

1.1	Product identifier	Weldtite Dirtwash Disc brake cleaner spray
	Article number	03029 (250ml), 03072 (400ml)
1.2	Relevant identified uses of the substance or mixture and uses advised against	
1.2.1	Relevant uses	Disc Brake Cleaner
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. Est Barton-on-Humber, North Lincolnshire, DN18 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 phone	
	Company	+44 (0) 1652 660000 Mo-Fr 8:00 – 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 [CLP]

Hazard pictograms



Signal word

DANGER

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.

2.2 Label elements

The product is classified and required to be labelled in accordance with EC-Directives

Labelling according to Regulation (EC) 1272/2008

Hazard pictograms



Signal word

DANGER

Contains:

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic, 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 to in accordance with local / regional / national / international regulation.

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

2.3 Other hazards

Physico-chemical hazards

Heat causes increase in pressure and risk of bursting.

Other hazards

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

SECTION 3: Composition/Information on ingredients

Product-type:

The product is a mixture.

Range [%]	Substance
25-<60	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics EINECS/ELINCS: 927-510-4, ECB-Nr.: 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-<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 H280 – Press. Gas (Liquefied gas): H280
15-<30	Propan-2-ol CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, ECB-Nr.: 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 and R-phrases: 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.
Unknown 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 within 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, sawdust, general-purpose binder).
Dispose of absorbent material in accordance within 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.
Keep away from open flames, hot surfaces and sources of ignition.
Do not smoke.
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.

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)

Range [%]	Substance
25-<60	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
	EINECS/ELINCS: 927-510-4, ECB-Nr.: 01-2119475515-33-XXXX
	Long-term exposure: 1200 mg/m ³
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
	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
15-<30	Propan-2-ol
	CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, ECB-Nr.: 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

Range [%]	Substance
25-<60	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
	General population, dermal, Long-term – systemic effects: 149 mg/kg bw/d.
	General population, inhalative, Long-term – systemic effects: 477 mg/m ³
	General population, oral, Long-term – systemic effects: 149 mg/kg bw/d.
	Industrial, dermal, Long-term – systemic effects: 300 mg/kg bw/d.
	Industrial, inhalative, Long-term – systemic effects: 2085 mg/m ³ .
20-<40	Petroleum gases, liquefied (<0,1% 1,3-butadiene), CAS: 68476-85-7
	There are no DNEL values established for the substance.:

PNEC

Range [%]	Substance
25-<60	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
	There are no PNEC values established for the substance.
20-<40	Petroleum gases, liquefied (<0,1% 1,3-butadiene), CAS: 68476-85-7
	There are no PNEC values established for the substance.

8.2 Exposure controls

Additional advice on system design

Ensure adequate ventilation on workstation.

Eye protection

Safety glasses.

Hand protection

The details concerned are recommendations. Please contact the glove supplier for further information.

In full contact: Butyl rubber, >480min (EN 374).

In splash contact: Butyl rubber, > 120 min (EN 374)

Skin protection

Solvent-resistant protective clothing.

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 of the hazardous substance handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier.

Respiratory protection

If ventilation insufficient, wear respiratory protection.

Short term: filter apparatus, filter A.

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
	Colour	yellow
	Odour	citrus
	Odour threshold	not determined
	pH-value	not applicable
	pH-value [1%]	not applicable
	Boiling point [°C]	not applicable
	Flash point [°C]	not applicable
	Flammability [°C]	not applicable
	Lower explosion limit	not determined
	Upper explosion limit	not determined
	Oxidizing properties	no
	Vapour pressure/gas pressure [kPa]	not determined
	Density [g/ml]	not determined
	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).
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.
	Warming.
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

Range [%]	Substance
25-<60	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
	LD50, oral, Rat: > 3000 mg/kg bw.
15-<30	Propan-2-ol, CAS; 67-63-0
	LC50, inhalative, Rat: 19000 ppm/8h.
	LD50, dermal, Rabbit: 13000 mg/kg.
	LD50, oral, Rat: 4700-5800 mg/kg.
20-<40	Petroleum gases, liquefied (< 0,1% 1,3-butadiene), CAS: 68476-85-7
	LC50, inhalative, Rat: > 20 mg/l/4h.

Serious eye damage/irritation	Irritant
Skin corrosion/irritation	Irritant
Respiratory or skin sensitisation	not determined
Specific target organ toxicity – single exposure	not determined
Specific target organ toxicity – repeated exposure	not determined
Mutagenicity	not determined
Reproduction toxicity	not determined
Carcinogenicity	not determined
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 toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials. The product was classified on the basis of the calculation procedure of the preparation directive.

SECTION 12: Ecological information

12.1 Toxicity

Range [%]	Substance
25-<60	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, CAS: 64742-49-0
	NOEC, (21d), Daphnia magna: 0,17 mg/l.
	EC50, (48h), Daphnia magna: 3 mg/l.
	EC50, (72h), Pseudokirchneriella subcapitata: 10-30 mg/l.
	NOELR, (72h), Pseudokirchneriella subcapitata: 10 mg/l.
	LL50, (96h), Oncorhynchus mykiss: > 13,4 mg/l.
15-<30	Propan-2-ol, CAS: 67-63-0
	EC50, (48h), Daphnia magna: 7550-13299 mg/l.
	LC50, (96h), fish: 9640-10400 mg/l.
	IC50, (72h), Desmodemus subspicatus: > 1000 mg/l.

12.2 Persistence and degradability

Behaviour in environment

compartments

Behaviour in sewage plant not determined

Biological degradability No surfactants are contained.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

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*

SECTION 14: Transport information

14.1 UN number	See SECTION 14.2 in accordance with UN shipping name.
14.2 UN proper shipping name	
Transport by land according to ADR/RID	UN 1950 AEROSOLS 2.1
-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)	UN 1950 AEROSOLS 2.1
-Classification Code	5F
-Label	
Marine transport in accordance with IMDG	UN 1950 Aerosols (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics) 2.1 – MARINE POLLUTANT
-EMS	F-D, S-U
-Label	
-IMDG LQ	1 I
Air transport in accordance with IATA	UN 1950 Aerosols, flammable 2.1
-Label	
14.3 Transport hazard class(es)	See SECTION 14.2 in accordance with UN shipping name
14.4 Packing group	See SECTION 14.2 in accordance with UN shipping name
14.5 Environmental hazards	See SECTION 14.2 in accordance with UN shipping name
	
14.6 Special precautions for user	Relevant information under SECTION 6 to 8.

No information available.

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

EEC-REGULATIONS 1991/689 (2001/118); 2010/75; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2061/2037EC); (EU) 2015/830; (EU) 517/2015

TRANSPORT REGULATIONS ADR (2019); IMDG-Code (2019, 36. Amdt.); IATA-DGR (2019).

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits (Second edition, published December 2011).

-Observe employment restrictions for people Observe employment restrictions for young people.

-VOC (1999/13/CE) ca. 100%

15.2 Chemical safety assessment

For the following substances of this preparation a chemical safety assessment has been carried out:

Propan-2-ol

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

SECTION 16: Other information**16.2 Hazard statements (SECTION 3)**

H319 Causes serious eye irritation.

H280 Contains gas under pressure; may explode if heated.

H220 Extremely flammable gas.

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.

16.3 Abbreviations and acronyms:

ADR : European agreement concerning the international carriage of dangerous goods by Road.

RID : Regulations concerning the International carriage of Dangerous goods by rail.

ADN = European agreement concerning the international carriage of dangerous goods by inland waterways.

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

MARPOL = International Convention for the Prevention of Marine Pollution from Ships

PBT – Persistent, Bioaccumulative and Toxic substance

PNEC = Predicted No-Effect Concentration

REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals

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

16.4 Other information

Modified position none

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.

Disclaimer

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.