

**Safety Data Sheet according to Regulation (EC) no.1907/2006 / 453/2010****1 Identification of the substance / preparation and of the company****1.1 Product identifier**

**Product name :** TF2 Cycle Suspension Fluid (500ml)  
**Product No.** 03082/03026 (SVI 7.5wt), 03083 (SVI 10wt), 03084 (SVI 15wt), 03085 (SVI 20wt),

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

**Identified uses:** Suspension fluid for bicycles

**THESE PRODUCTS MUST NOT BE USED IN APPLICATIONS OTHER THAN THOSE RECOMMENDED IN SECTION 1.2., WITHOUT FIRST SEEKING THE ADVICE OF THE SUPPLIER.**

**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

**1.4 Emergency telephone number:**

\*\*44 (0)1652660000 (Available 08.30 to 17.00)

**2 Hazards identification****2.1 Classification of the substance or mixture****2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]**

Not classified

**2.1.2 Classification according to Regulation 67/548/EEC or 1999/45/EC**

Not classified

**2.1.3 Adverse physicochemical, human health and environmental effects**

Not expected to present a significant hazard under anticipated conditions of normal use.

**2.2 Label elements****Label In Accordance With (EC) No. 1272/2008**

**Hazard symbols** No symbol  
**Signal Word** No signal word  
**Hazard Statements**

**PHYSICAL HAZARDS:**  
Not classified as a physical hazard under GHS criteria.  
**HEALTH HAZARDS:**  
Not classified as a health hazard under GHS criteria.  
**ENVIRONMENTAL HAZARDS:**  
Not classified as an environmental hazard under GHS criteria.

**Precautionary Statements**

Prevention : No precautionary phrases.  
Response : No precautionary phrases.  
Storage : No precautionary phrases.  
Disposal : No precautionary phrases.

**Supplementary Precautionary Statements**

No supplementary statements

**Labelling according to Directive 1999/45/EC/67/548/EEC**

**Hazardous ingredients :** Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics

**2.3 Other hazards**

None under normal conditions.

**Hazardous components which must be listed on the label**

None

**3 Composition / Information on ingredients****3.1 Substances**

Not Applicable.

**3.2 Mixtures**

Not Classified

Blend of blend oils with multifunctional additives

Ingredients	%	CAS No.	EC No.	Classification 67/548/EEC	Regulation (EC) No 1272/2008 [CLP]
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics	10 - 25			Xn; R65 R66	Asp. Tox. 1, H304
Methacrylate copolymer	3.6 - 7.2			Xi; R36	Eye Irrit.2, H319

Full text of R- and H-phrases: see section 16

**4 First aid measures**

**4.1 Description of first aid measures**  
 First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
 First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.  
 First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Repeated exposure may cause skin dryness or cracking.  
 First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.  
 First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

**4.2 Most important symptoms and effects, both acute and delayed**  
 Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

**4.3 Indication of immediate medical attention and special treatment needed**  
 Treat symptomatically.

**5 Fire-fighting measures**

**5.1 Extinguishing Media**  
 Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
 Unsuitable extinguishing media : Do not use a heavy water stream.

**5.2 Special hazards arising from the substance or mixture**  
 Reactivity : No reactivity hazard other than the effects described in sub-sections below.

**5.3 Advice for fire fighters**  
 Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.  
 Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

**6 Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**  
**6.1.1. For non-emergency personnel**  
 Protective equipment : Avoid contact with skin and eyes.  
 Emergency procedures : Evacuate unnecessary personnel.  
**6.1.2. For emergency responders**  
 Protective equipment : Equip cleanup crew with proper protection.  
 Emergency procedures : Ventilate area.

**6.2 Environmental precautions**  
 Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

**6.3 Methods and materials for containment and cleaning up**  
 Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

**6.4 Reference to other sections**  
 See also sections 8 and 13.

**7 Handling and storage**

**7.1 Precautions for safe handling**  
 Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

**7.2 Conditions for safe storage, including any incompatibilities**  
 Storage conditions : Keep container closed when not in use. Store in original container. Protect from moisture. Keep cool.  
 Incompatible products : Oxidizing agent. Strong acids. Strong bases.  
 Incompatible materials : Sources of ignition. Direct sunlight.  
 Storage temperature : 0 - 40 °C

**7.3 Specific end uses**  
 Lubricant oil.



**8 Exposure controls / personal protection**

**8.1 Control parameters**

**SVI 5 Suspension Fluid**

ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> Refined mineral oil, mist
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**8.2 Protective Equipment**

Appropriate engineering controls : Ensure exposure is below occupational exposure limits (where available).  
 Personal protective equipment : Avoid all unnecessary exposure.  
 Hand protection : In case of repeated or prolonged contact wear gloves. Standard EN 374 - Protective gloves

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Eye protection :	against chemicals. Wear protective gloves. If there is a risk of liquid being splashed : Standard EN 166 - Personal eye-protection. Chemical goggles or safety glasses.
Skin and body protection :	Wear suitable protective clothing.
Respiratory protection :	In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate mask.
Thermal hazard protection :	Not specifically applicable.
Environmental exposure controls :	SECTION 6.
Other information :	Do not eat, drink or smoke during use.

**8.2.3 Environmental exposure controls**

Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

**9 Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Physical state :	Liquid
Appearance :	Mobile liquid.
Colour :	Yellow.
Odour :	characteristic.
Odour threshold :	No data available
pH :	Not classified
Relative evaporation rate (butylacetate=1) :	No data available
Melting point :	No data available
Freezing point :	No data available
Boiling point :	> 265 °C IBP
Flash point :	> 135 °C PMCC
Self ignition temperature :	> 200 °C
Decomposition temperature :	No data available
Flammability (solid, gas) :	Non flammable
Vapour pressure :	< 0.5 kPa @ 20°C
Relative vapour density at 20 °C :	No data available
Relative density :	0.86 kg/l @ 15°C
Solubility :	Insoluble in water. Soluble in aliphatic hydrocarbons.
Log Pow :	No data available
Log Kow :	No data available
Viscosity, kinematic :	22 cSt @40°C
Viscosity, dynamic :	No data available
Explosive properties :	Not classified.
Oxidising properties :	Not classified.
Explosive limits :	No data available

**9.2 Other Information**

VOC content : 0 %

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

No reactivity hazard other than the effects described in sub-sections below.

**10.2. Chemical stability**

Stable under recommended handling and storage conditions (see section 7).

**10.3. Possibility of hazardous reactions**

May react violently with oxidants.

**10.4. Conditions to avoid**

Direct sunlight. Extremely high or low temperatures.

**10.5. Incompatible materials**

Oxidizing agent. Strong acids. Strong bases.

**10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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

Acute toxicity :	Not classified
Irritation :	Not classified
	pH: Not classified
Corrosivity :	Not classified
	pH: Not classified
Sensitisation :	Not classified
Repeated dose toxicity :	Not classified
Carcinogenicity :	Not classified
Mutagenicity :	Not classified
Toxicity for reproduction :	Not classified
Potential Adverse human health effects and: symptoms	Based on available data, the classification criteria are not met.

**Safety Data Sheet according to Regulation (EC) no.1907/2006 / 453/2010****12 Ecological information****12.1 Toxicity**

Ecology - general :

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

**12.2. Persistence and degradability****SVI 5 Suspension Fluid**

Persistence and degradability

Not readily biodegradable.

**12.3. Bioaccumulative potential****SVI 5 Suspension Fluid**

Bioaccumulative potential

Low bioaccumulation potential.

**12.4. Mobility in soil**

No additional information available

**12.5. Results of PBT and vPvB assessment****SVI 5 Suspension Fluid**

Results of PBT assessment

Not classified as PBT or vPvB.

**12.6. Other adverse effects**

Other information :

Avoid release to the environment.

**13 Disposal considerations****13.1 Waste Treatment Methods**

Waste disposal recommendations :

Ecology - waste materials :

Dispose in a safe manner in accordance with local/national regulations.

Avoid release to the environment.

**14 Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

**14.1. UN number**

No dangerous good in sense of transport regulations

**14.2. UN proper shipping name**

Not applicable

**14.3. Transport hazard class(es)**

Not applicable

**14.4. Packing group**

Not applicable

**14.5. Environmental hazards**

Other information : No supplementary information available.

**14.6. Special precautions for user****14.6.1. Overland transport**

No additional information available

**14.6.2. Transport by sea**

No additional information available

**14.6.3. Air transport**

No additional information available

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

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

No REACH Annex XVII restrictions

Contains no REACH candidate substance

VOC content : 0 %

**15.1.2. National regulations**

No additional information available

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out

**16 Other information**

Data sources :

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending

**Safety Data Sheet according to Regulation (EC) no.1907/2006 / 453/2010**  
Regulation (EC) No 1907/2006.

Other information : None.

**Classification according to EU Directive 1999/45/EC**

Hazard Symbol/Category of danger	Risk Phrases
None	None

**Full text of R-phrases referred to under sections 2 & 3**

Xi Irritant  
Xn Harmful  
R36 Irritating to eyes  
R65 Harmful: may cause lung damage if swallowed  
R66 Repeated exposure may cause skin dryness or cracking

**Full text of H-Statements referred to under sections 2 & 3**

Asp. Tox. 1 Aspiration hazard, Category 1  
Eye Irrit. 2 Serious eye damage/eye irritation, Category 2  
H304 May be fatal if swallowed and enters airways  
H319 Causes serious eye irritation

**16.4 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**

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.