

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Trade name:** WD ANTI-RUST FLUID**Article number:** TB6105**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet****Manufacturer/Supplier:** TYGRIS Industrial
Unit 31, Kyle Road Industrial Estate
Irvine
Ayrshire
KA12 8LE
Tel +44 (0) 1294 311 066
Email technical@tygrisindustrial.com**Further information obtainable from:** Technical Department**1.4. Emergency telephone number:** Tel +44 (0) 1294 311 066**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Asp. Tox. 1: H304; -: EUH066**Most important adverse effects:** Repeated exposure may cause skin dryness or cracking. May be fatal if swallowed and enters airways.**2.2. Label elements****Hazard Statements:** EUH066: Repeated exposure may cause skin dryness or cracking.
H304: May be fatal if swallowed and enters airways.**Hazard pictograms:** GHS08: Health hazard**Signal Word:** Danger**Precautionary Statements:** P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+310: IF SWALLOWED: Immediately call a first aider.
P331: Do NOT induce vomiting.
P405: Store locked up.
P501: Dispose of contents/container to hazardous or special waste collection point.**2.3. Other hazards****PBT:** This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients
3.2. Mixtures
Hazardous ingredients:

HYDROCARBONS, C11-14, N-ALKANES, ISOALKANES, CYCLIC, <2% AROMATICS REACH
registered number(s): 01-2119456620-43-XXXX

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|-----|-----------|------------------------------|---------|
| 926-141-6 | - | - | Asp. Tox. 1: H304; -: EUH066 | >70% |

DIACETONE ALCOHOL - REACH registered number(s): 01-2119473975-21

| | | | | |
|-----------|----------|---|--------------------|------|
| 204-626-7 | 123-42-2 | - | Eye Irrit. 2: H319 | 1-5% |
|-----------|----------|---|--------------------|------|

SECTION 4: First aid measures
4.1. Description of first aid measures

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| Skin contact: | Wash immediately with plenty of soap and water. |
| Eye contact: | Bathe the eye with running water for 15 minutes. |
| Ingestion: | Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible. |
| Inhalation: | Move to fresh air in case of accidental inhalation of vapours. Consult a doctor. |

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

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|----------------------|--|
| Skin contact: | There may be mild irritation at the site of contact. |
| Eye contact: | There may be irritation and redness. |
| Ingestion: | There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting. |
| Inhalation: | Absorption through the lungs can occur causing symptoms similar to those of ingestion. |

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

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| Immediate / special treatment: | Do not induce vomiting. Eye bathing equipment should be available on the premises. |
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SECTION 5: Firefighting measures
5.1. Extinguishing media

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| Extinguishing media: | Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers. |
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5.2. Special hazards arising from the substance or mixture

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| Exposure hazards: | In combustion emits toxic fumes. |
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5.3. Advice for fire-fighters

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

Reference to other sections Refer to section 8 of SDS.

SECTION 7: Handling and storage
7.1 Precautions for safe handling

Handling requirements: Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)
SECTION 8: Exposure controls/personal protection
8.1. Control parameters
Hazardous ingredients:

HYDROCARBONS, C11-14, N-ALKANES, ISOALKANES, CYCLIC, <2% AROMATICS

Workplace exposure limits:
Respirable dust:

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|-----------------------|--------------|------------|--------------|
| UK | 1200mg/m ³ | - | - | - |

DIACETONE ALCOHOL

| | | | | |
|----|---|---|----------------------|----------------------|
| EU | - | - | 241mg/m ³ | 362mg/m ³ |
|----|---|---|----------------------|----------------------|

DNEL/PNEC Values 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**

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| State: | Liquid |
| Colour: | Yellow-gold |
| Odour: | Barely perceptible odour |
| Evaporation rate: | Slow |
| Solubility in water: | Insoluble |
| Also soluble in: | Most organic solvents |
| Viscosity: | Non-viscous |
| Kinematic viscosity: | <=20.5 |
| Viscosity test method: | Kinematic viscosity in 10 ⁻⁶ m ² /s at 40°C (ISO 3104/3105) |
| Boiling point/range°C: | 195-200 |
| Flammability limits %: | Lower: 0.7 Upper: 7.0 |
| Flash point °C: | 60 - 93 |
| Autoflammability °C: | >200 |
| Relative density: | 0.810 typical |

9.2. Other information

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

Hazardous decomposition products: In combustion emits toxic fumes.

SECTION 11: Toxicological information
11.1. Information on toxicological effects
Hazardous ingredients:

HYDROCARBONS, C11-14, N-ALKANES, ISOALKANES, CYCLIC, <2% AROMATICS

| | | | | |
|---------|-----|---------|-------|-------|
| DERMAL | RBT | LD50 | >5000 | mg/kg |
| ORAL | RAT | LD50 | >5000 | mg/kg |
| VAPOURS | RAT | 4H LC50 | >5000 | mg/kg |

DIACETONE ALCOHOL

| | | | | |
|--------|-----|------|-------|-------|
| DERMAL | RBT | LD50 | 13630 | mg/kg |
| ORAL | RAT | LD50 | 3002 | mg/kg |

Relevant hazards for product:

| Hazard | Route | Basis |
|-------------------|-------|-----------------------|
| Aspiration hazard | - | Hazardous: calculated |

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 soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation:

Absorption through the lungs can occur causing symptoms similar to those of ingestion.

SECTION 12: Ecological information
12.1. Toxicity
Hazardous ingredients:

HYDROCARBONS, C11-14, N-ALKANES, ISOALKANES, CYCLIC, <2% AROMATICS

| | | | |
|-------------------------------------|----------|-------|------|
| ALGAE | 72H IC50 | 20 | mg/l |
| Daphnia magna | 48H EC50 | >250 | mg/l |
| RAINBOW TROUT (Oncorhynchus mykiss) | 96H LC50 | >1000 | mg/l |

DIACETONE ALCOHOL

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|---------------|-----------|-------|------|
| ALGAE | 72H ErC50 | >1000 | mg/l |
| Daphnia magna | 48H EC50 | >1000 | mg/l |
| FISH | 96H LC50 | >100 | mg/l |

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: 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

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.

SECTION 14: Transport information

Transport class: This product does not require a classification for transport.

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

Specific regulations: Not applicable.

15.2. Chemical safety assessment**SECTION 16: Other information**

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

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.
H304: May be fatal if swallowed and enters airways.
H319: Causes serious eye irritation.

Legal disclaimer The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.