

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

1.1 Product identifier

Trade name: **ENGINEERS WIPES**

Article number: **HW511**

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

Use of substance / mixture: Professional uses: Public domain (administration, education, entertainment, services, craftsmen).

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

Health hazards: Eye Irrit. 2 - H319

2.2. Label elements

Hazard Statements: H319: Causes serious eye irritation.

Precautionary Statements (Prevention): P102: Keep out of the reach of children P103-Read label before use.
P233: Keep container tightly closed.
P264: Wash thoroughly after handling.
P280: Wear protective eye protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Precautionary Statements (Response): P101: If medical advice is needed, have product container or label to hand. P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P305+p361+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P337+P313: If eye irritation occurs: Get medical advice/attention.

Precautionary Statements (Disposal): P501: Dispose of contents/container to a licensed waste disposal company in compliance with local and national regulations.

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:

ETHANOL

EC	CAS	Index number	CLP Classification	Percent
200-578-6	64-17-5	603-002-00-5	Flam. Liq. 2 - H225	1-10%

C9-11 PARETH-8

-	68439-46-3	-	Acute Tox. 4 - H302 Eye Dam. - H318 Acute Tox.3 - H301 Skin Corr. 1B - H314 Aquatic Acute 1 - H400 Acute Tox.3: H301	1-10%
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DIDECYLDIMETHYL AMMONIUM CHLORIDE

230-525-2	7173-51-5	-	Acute Tox.3: H301	0.5-1%
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For full text of H- statements see SECTION 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Skin contact:	No irritation expected. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
Eye contact:	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Ingestion:	Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.
Inhalation:	Considered to be not hazardous by inhalation. Seek medical attention if irritation or symptoms persist.

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

Skin contact:	No specific symptoms noted.
Eye contact:	Causes serious eye irritation.
Ingestion:	No specific symptoms noted.
Inhalation:	No specific symptoms noted.

Delayed / immediate effects: No data available.

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

Immediate / special treatment:	If you feel unwell seek medical advice (show the label where possible) no specific first aid measures noted.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

Extinguishing media:

This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Exposure hazards:

Harmful to aquatic life with long lasting effects.

5.3. Advice for fire-fighters

Advice for fire-fighters:

No specific fire fighting procedure given.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:

Avoid contact with eyes. Surfaces contaminated with the product will become slippery. Wear approved safety goggles.

6.2. Environmental precautions

Environmental precautions:

Do not allow product to enter drains. Do not flush into surface water.

6.3. Methods and material for containment and cleaning up

Clean-up procedures:

Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

Reference to other sections:

For waste disposable see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling requirements:

Avoid contact with eyes. Do not eat drink or smoke in areas where this product is used or stored. Wash hands after handling the product. Adopt best manual handling considerations when handling, carrying or dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:

Keep out of the reach of children. Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Do NOT allow to freeze.

7.3. Specific end use(s)

Specific end use(s):

Restricted to professional users.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

ETHANOL

Long-term exposure limit (8-hour TWA)	Short-term exposure limit (15-minute)
WEL 1000 ppm, 1920 mg/m ³	-

8.2. Exposure controls

Engineering measures:	Keep in a cool, dry, well ventilated area.
Individual protection measures:	Wear approved safety goggles.
Eye/face protection:	Approve safety goggles. Provide eye wash station. Personal protective equipment for eye and face protection should comply with European Standard EN 166.
Environmental:	Do not empty into drains. Do not flush into surface water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Impregnated wet wipes
Colour:	Orange & White Wipes
Odour:	Characteristic
pH:	5.0-6.0

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity:	No specific reactivity hazards associated with this product.
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10.2. Chemical stability

Chemical stability:	Stable under normal conditions. This product is not flammable. Will not decompose if stored and used as recommended.
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10.3. Possibility of hazardous reactions

Hazardous reactions:	Strong acids and strong bases. Strong oxidising agents.
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10.4. Conditions to avoid

Conditions to avoid:	Heat. Do NOT allow to freeze.
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10.5. Incompatible materials

Materials to avoid:	Strong acids and strong bases. Strong oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products:	Burning produces irritating, toxic and obnoxious fumes.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

C9-11 PARETH-8

ORAL	RAT	LD50	2950	mg/kg
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Excluded hazards for substance:

Hazard	Basis
Acute toxicity	Based on available data the classification criteria are not met.
Skin corrosion/irritation	Based on available data the classification criteria are not met.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory/skin sensitisation	Based on available data the classification criteria are not met.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	Not classified as a specific target organ toxicant after a single exposure.
STOT-repeated exposure	No classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard	Based on available data the classification criteria are not met.

SECTION 12: Ecological Information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability:

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. 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. Bioaccumulative potential

Bioaccumulative potential: No data is available on this product.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

PBT identification: This product does not contain any PBT or VPvB substances.

12.6. Other adverse effects

Other adverse effects: No data available.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Disposal operations: Contact a licensed waste disposal company. Dispose of as special waste in compliance with local and national regulations. Empty containers can be sent to landfill after cleaning, if in compliance with, local and national regulations.

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

SECTION 14: Transport Information

Transport class: The product is not classified as dangerous for carriage.

SECTION 15: Regulatory Information

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

Safety, health and environmental regulations/legislation specific for the substance or mixture: EU Regulation. This is a cosmetic product regulated by Directive 76/768 (as amended) & Regulation EC No1223/2009 (as amended) and is thus exempt from the Safety Data Sheet requirements of Regulation EC No 453/2010. It is also exempt from the classification, Labelling and Packaging Regulation (EC) No 1272/2008.

15.2. Chemical safety assessment

Chemical safety assessment: Safety assessment has been carried out Delphic.

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: R11: Highly flammable
R22: Harmful if swallowed.
R41: Risk of serious damage to eyes.
H225: Highly flammable liquid and vapour.
H302: Harmful if swallowed.
H318: Causes serious eye damage.
H301: Toxic if swallowed.
H400: very toxic to aquatic life.
H410: Very toxic to aquatic Life with long lasting effects.

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.