**SAFETY DATA SHEET**

In accordance with REACH Regulation EC No. 1907/2006 as amended by EC 453/2010

**Product:** Stainless Steel Wipes

**Version:** Version 3  
**Supersedes:** Version 2: dated 01/07/2014  
**Date:** 24/06/2015  
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**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

1.1 **Product identifier**  
Stainless Steel Wipes

**Other means of identification**  
ETSS40

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

**Uses:** A wet wipe to clean stainless steel surfaces and to restore a brilliant shine.

**Not to be used for:**

1.3 **Details of the supplier of the Safety Data Sheet**

**Company Name:** EcoTech (Europe) Limited

**Address:**
EcoTech House  
Falkland Close  
Charter Avenue Industrial Estate  
Coventry  
West Midlands  
CV4 8AU  
United Kingdom

**Telephone:** +44 (0)24 7647 1894

**Fax:** +44 (0)24 7647 4743

**E-mail:** sales@ecotech-europe.com

**Web Site**
www.ecotech-europe.com

1.4 **Emergency telephone number**

**Telephone:** National Poisons Information Service (UK) +44 (0)844 8920111

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**SECTION 2: HAZARDS IDENTIFICATION**

2.1 **Classification of the substance or mixture**

1999/45/EC  
F; R11 Xi; R36/38 R66-67

**Symbols:** F: Highly flammable. Xi: Irritant.
Main Hazards

Highly flammable. Irritating to eyes and skin. Repeated exposure may cause skin dryness or cracking.

- EC 1272/2008

Flam. Liq. 2: H225; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H336;

2.2 Label elements

Signal Word

Danger

Hazard Statement

Eye Irrit. 2: H319 - Causes serious eye irritation.

Precautionary Statement:

Prevention

P102 - Keep out of reach of children.
P103 - Read label before use.
P233 - Keep container tightly closed.

Precautionary Statement:

Response

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER/doctor/ if you feel unwell.
P321 - Specific treatment (see on this label).
P332 + P313 - If skin irritation occurs: Get medical advice/attention.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
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Precautionary Statement:
Storage
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.

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

2.3 Other hazards
This product does not contain any PBT or VPvB substances.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances
-

3.2 Mixtures

67/548/EEC / 1999/45/EC

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Index No.</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration Number</th>
<th>Conc. (%w/w)</th>
<th>Classification</th>
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</thead>
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<tr>
<td>Isopropanol (Propan-2-ol)</td>
<td>603-117-00-0</td>
<td>67-63-0</td>
<td>200-661-7</td>
<td></td>
<td></td>
<td>F; R11 Xi; R36 R67</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether (2-Butoxyethanol)</td>
<td>603-014-00-0</td>
<td>111-76-2</td>
<td>203-905-0</td>
<td></td>
<td></td>
<td>Xn; R20/21/22 Xi; R36/38</td>
</tr>
<tr>
<td>Acetone</td>
<td>606-001-00-8</td>
<td>67-64-1</td>
<td>200-662-2</td>
<td></td>
<td></td>
<td>F; R11 Xi; R36 R66 R67</td>
</tr>
</tbody>
</table>

EC 1272/2008

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Index No.</th>
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<th>Classification</th>
</tr>
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<td>603-117-00-0</td>
<td>67-63-0</td>
<td>200-661-7</td>
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<td></td>
<td>Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H36</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether (2-Butoxyethanol)</td>
<td>603-014-00-0</td>
<td>111-76-2</td>
<td>203-905-0</td>
<td></td>
<td></td>
<td>Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2:</td>
</tr>
</tbody>
</table>
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SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

**Inhalation**
Significant inhalation is unlikely due to liquid impregnated on a fabric substrate. Move the exposed person to fresh air. Seek medical attention.

**Eye contact**
Eye contact is unlikely due to liquid impregnated on a fabric substrate. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Skin contact**
IF ON SKIN Rinse skin with water / showe Seek medical attention if irritation or symptoms persist.

**Ingestion**
Ingestion is highly unlikely due to liquid impregnated on a fabric substrate. Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

**Inhalation**
Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.

**Eye contact**
May cause eye irritation.

**Skin contact**
May cause skin irritation. Repeated exposure may cause skin dryness or cracking.

**Ingestion**
Ingestion may cause nausea and vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible). No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media
Alcohol resistant foam. Carbon dioxide (CO2). Use extinguishing media
5.2 **Special hazards arising from the substance or mixture**
Vapour may travel considerable distance to source of ignition and flash back.

5.3 **Advice for firefighters**
Wear protective gloves / protective clothing / eye protection / face protection. Wear suitable respiratory equipment when necessary.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions, protective equipment and emergency procedures**
Avoid contact of the impregnating fluid with the eyes.

6.2 **Environmental precautions**
Large spillages are highly unlikely due to liquid impregnated on a fabric substrate. Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Do not flush into surface water. Prevent further spillage if safe.

6.3 **Methods and material for containment and cleaning up**
Large spillages are highly unlikely due to liquid impregnated on a fabric substrate. Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4 **Reference to other sections**
For recommended personal protective equipment see Section 8. For disposal see Section 13.

### SECTION 7: HANDLING AND STORAGE

7.1 **Precautions for safe handling**
Avoid contact with eyes, adopt best manual handling when dispensing.

7.2 **Conditions for safe storage**
Keep out of the reach of children. Keep in a cool, dry, well ventilated area. Keep
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7.3 Specific end use
No relevant information available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Exposure Limit Values

<table>
<thead>
<tr>
<th>Substance</th>
<th>WEL 8-hr limit ppm</th>
<th>WEL 8-hr limit mg/m3</th>
<th>WEL 15 min limit ppm</th>
<th>WEL 15 min limit mg/m3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>500</td>
<td>1210</td>
<td>1500</td>
<td>3620</td>
</tr>
<tr>
<td>Acetone total inhalable dust:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acetone total respirable dust:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>25</td>
<td>123</td>
<td>50</td>
<td>101.2</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether total</td>
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</tr>
<tr>
<td>Ethylene glycol monobutyl ether total</td>
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<td></td>
</tr>
<tr>
<td>Isopropanol (Propan-2-ol)</td>
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<td>500</td>
<td>1250</td>
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<tr>
<td>Isopropanol (Propan-2-ol) total</td>
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</tr>
<tr>
<td>Isopropanol (Propan-2-ol) total</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8.2 Exposure controls

8.2.1 Appropriate engineering controls
Keep cool, dry and well ventilated

8.2.2 Individual protection
None

including any containers tightly closed. Store in correctly labelled containers. Do NOT allow to freeze.

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8.2.3 Environmental exposure controls
Do not empty into drains. Do not flush into surface water. Prevent further spillage if safe.

8.2.3. Further information
Information valid at the time of review of safety data sheet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a Appearance: White nonwoven fabric impregnated with a colourless solution.
b Odour: Unfragranced but characteristic alcoholic odour.
c Odour threshold: Not available.
d pH: Not available.
e Melting point / freezing point: Not available.
f Initial boiling point and boiling range: Not available.
g Flash point: 12°C.
h Evaporation rate: Not available.
i Flammability (solid, gas): Not applicable.
j Upper / lower flammability or explosive limits: Not available.
k Vapour pressure: Not available.
l Vapour density: Not available.
m Relative density: 0.85
n Solubility(ies): Soluble in water.
o Partition coefficient: n-octanol / water: Not available.
p Auto-ignition temperature: Not available.
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9.2 Other information
None available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
Avoid sparks, flames, heat and sources of ignition.

10.2 Chemical Stability
Stable under normal conditions. Will not decompose if stored and used as recommended.

10.3 Possibility of hazardous reactions
Strong acids and Strong bases. Strong oxidising agents.

10.4 Conditions to avoid
Heat, sparks and open flames. Do NOT allow to freeze.

10.5 Incompatible materials
Strong acids and Strong bases. Strong oxidising agents.

10.6 Hazardous decomposition products
Combustion of the product will generate toxic fumes containing oxides of carbon may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
Based on available data the classification criteria are not met.

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

Serious eye damage / irritation
May cause eye irritation.

Respiratory or 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
May cause drowsiness or dizziness.
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STOT-repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard Based on available data the classification criteria are not met.

11.1.4 Toxicological Information

Acetone
- Inhalation Rat LC50/15min: 76mg
- Oral Rat LD50: 5800mg/kg

Isopropanol
- Inhalation Rat LC50/4h: 30mg/l
- Dermal Rabbit LD50: 12800 mg/kg
- Oral Rat LD50: 5045 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acetone
- Daphnia EC50/48h: 8800.000000 mg/l
- Rainbow trout LC50/96h: 5540mg/l

Fish LC50/96h: 5500.000000 mg/l

12.2 Persistence and degradability

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in the 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 Bio accumulative potential

No data available.

12.4 Mobility in soil

Soluble in water

12.5 Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Contact a licensed waste disposal company. Dispose of as special waste in compliance with local and national regulations. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

SECTION 14: TRANSPORT INFORMATION
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Hazard Pictograms

<table>
<thead>
<tr>
<th>14.1</th>
<th>UN number</th>
<th>UN1219</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2</td>
<td>UN proper shipping name</td>
<td>ISOPROPANOL</td>
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<tr>
<td>14.3</td>
<td>Transport hazard class(es)</td>
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<tr>
<td></td>
<td>ADR/RID</td>
<td>3</td>
</tr>
<tr>
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</tr>
<tr>
<td></td>
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<td></td>
<td>Subsidiary Risk</td>
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<td>Subsidiary Risk</td>
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<td>14.4</td>
<td>Packing group</td>
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<td>14.5</td>
<td>Environmental hazards</td>
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<tr>
<td></td>
<td>Marine Pollutant</td>
<td>No</td>
</tr>
<tr>
<td>14.6</td>
<td>Special precautions for user</td>
<td>Not applicable.</td>
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<td>14.7</td>
<td>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</td>
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<tr>
<td></td>
<td>ADR/RID Hazard ID</td>
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<td>IMDG EmS Code</td>
<td>F-E S-D</td>
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<td>Maximum quantity</td>
<td>60 L</td>
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<td>Packaging Instruction (Passenger)</td>
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</tbody>
</table>

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Maximum quantity 5 L

SECTION 15: REGULATORY INFORMATION

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


15.2 Chemical safety assessment

No assessment has been carried out.

SECTION 16: OTHER INFORMATION

Text of risk phrases in Section 3

R11 - Highly flammable.
R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.
R36/38 - Irritating to eyes and skin.
R36 - Irritating to eyes.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness.

Text of Hazard Statements in Section 3

Flam. Liq. 2; H225 - Highly flammable liquid and vapour.
Eye Irrit. 2; H319 - Causes serious eye irritation.
STOT SE 3; H336 - May cause drowsiness or dizziness.
Acute Tox. 4; H302 - Harmful if swallowed.
Acute Tox. 4; H312 - Harmful in contact with skin.
Skin Irrit. 2; H315 - Causes skin irritation.
Acute Tox. 4; H332 - Harmful if inhaled.
EUH066 - Repeated exposure may cause skin dryness or cracking.

Glossary

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road
IATA International Air Transport Association
IMDG International Maritime Dangerous Goods
PBT Persistent, bio accumulative, toxic
RID Convention concerning International Carriage by Rail
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vPvB very persistent, very bio accumulative
STOT Specific Target Organ Toxicity
WEL Workplace Exposure Limit.

General Information
No relevant information available

Further Information
The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy, reliability or completeness. 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 other process. It is the user's responsibility to satisfy him/herself as to the suitability of such information for his / her own particular use.