



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
Page: 1 of 12

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

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.



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
Page: 2 of 12

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 Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
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.



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
Page: 3 of 12

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

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

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7			Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;
Ethylene glycol monobutyl ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0			Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2:



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
Page: 4 of 12

H315;

Acetone 606-001-00-8 67-64-1 200-662-2

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

Further information

For full text of H-statements and R-phrases: see SECTION 16.

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 / shower. 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



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
Page: 5 of 12

appropriate to the surrounding fire conditions.

- 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



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
Page: 6 of 12

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

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

Acetone	WEL 8-hr limit ppm: 500 WEL 15 min limit ppm: 1500 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 1210 WEL 15 min limit mg/m3: 3620 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Ethylene glycol monobutyl ether (2-Butoxyethanol)	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 123 WEL 15 min limit mg/m3: 101.2 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:

8.2 Exposure controls

8.2.1 Appropriate Controls **engineering** Keep cool, dry and well ventilated

8.2.2 Individual measures **protection** None



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
Page: 7 of 12

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.



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
Page: 8 of 12

q	Decomposition temperature:	Not available.
r	Viscosity:	Not available.
s	Explosive properties:	Not available.
t	Oxidising properties:	Not available.
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.



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
Page: 9 of 12

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 Dermal Rat LD50: >15800mg/kg
Oral Rat LD50: 5800mg/kg

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

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acetone Daphnia EC50/48h: 8800.000000 mg/l Fish LC50/96h: 5500.000000 mg/l
Rainbow trout LC50/96h: 5540mg/l

12.2 Persistence and degradability and 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



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
Page: 10 of 12

Hazard Pictograms



14.1	UN number	UN1219
14.2	UN proper shipping name	ISOPROPANOL
14.3	Transport hazard class(es)	
	ADR/RID	3
	Subsidiary Risk	-
	IMDG	3
	Subsidiary Risk	-
	IATA	3
	Subsidiary Risk	-
14.4	Packing group	II
14.5	Environmental hazards	No
	Marine Pollutant	No
14.6	Special precautions for user	Not applicable.
14.7	Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC Code	Not applicable.
	ADR/RID	
	Hazard ID	33
	Tunnel Category	(D/E)
	IMDG	
	EmS Code	F-E S-D
	IATA	
	Packaging Instruction (Cargo)	364
	Maximum quantity	60 L
	Packaging Instruction (Passenger)	353



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
Page: 11 of 12

Maximum quantity 5 L

SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture** Commission Directive 2000/39/EC of 8 June 2000 established a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Regulation, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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 Regulation (EC) No 1907/2006 with amendments. Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.
- 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



EcoTech
(Europe) Ltd

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

Date: 24/06/2015

Supersedes: Version 2: dated 01/07/2014

Page: 12 of 12

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.