

## Material Safety Data Sheet

according to 1907/2006/EC, Article 31

MSDS No: PER064

Issue No: 4

### **IMPORTANT**

Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product.


### **1. IDENTIFICATION**

Product Name	PerfectEtch 2 x 5ml
Company Name	Perfection Plus Ltd
Company Address	6 Westwood Court, Brunel Road, Totton, Hants. SO40 3WX. UK
Company Phone No.	+44 (0) 2380 866 677

### **2. HAZARDS IDENTIFICATION**

<b>2.1 Classification of the substance or mixture</b>	
<b>2.1.1 Classification 1999/45/EC</b>	C; R34 Symbols: C: Corrosive
Main hazards	Causes burns.
<b>2.1.2. Classification - EC 1272/2008</b>	Skin Corr. 1B: H314;

### **2.2 Label Elements**

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Precautionary Statement: Prevention	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

	<p>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 -Immediately call a POISON CENTER/doctor/ .</p> <p>P321 - Specific treatment (see on this label).</p> <p>P363 - Wash contaminated clothing before reuse.</p>
<b>Precautionary Statement: Storage</b>	P405 - Store locked up.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to
<b>Further information</b>	
<p>Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body, are exempted from the provisions of regulation (EC) No 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.</p>	

### 3. COMPOSITION/INFORMATION ON PREPARATION

67/548/EEC / 1999/45/EC

Components Name	Index No	CAS No	EC No	REACH Registratio n No	Conc (%w/w)	Classification
Phosphoric acid...% (Orthophosphoric acid)	015-011-00-6	7664-38-2	231-633-2		30-40%	C; R34
Cab-O-Sil Amorphous Silica M5		7631-86-9	231-545-4		1 - 10%	
FD&C Blue No 1		3844-45-9	223-339-8		1 - 10%	
D&C Green No 5		4403-90-1	224-546-6		1 - 10%	
Xantham Gum		11138-66-2	234-394-2		0 - 0.5%	

EC 1272/2008

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#### 4. FIRST AID MEASURES

Inhalation	Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.
Eye Contact	Causes burns. Causes severe inflammation and may damage to cornea. Seek medical attention.
Skin Contact	Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show the product container or label.

#### 5. FIRE FIGHTING MEASURES

<b>5.1 Extinguishing media</b> Use as appropriate: Foam, Carbon dioxide (CO <sub>2</sub> ), Dry chemical.
<b>5.2 Special hazards arising from the substance or mixture</b> Burning produces irritating, toxic and obnoxious fumes. Corrosive.
<b>5.3 Advice for firefighters</b> Wear suitable respiratory equipment when necessary.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions, protective equipment and emergency procedures</b> Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.
<b>6.2 Environmental precautions</b> Do not allow product to enter drains. Prevent further spillage if safe.
<b>6.3 Methods and materials for containment and cleaning up.</b> Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
<b>6.4 Reference to other sections</b> SECTION 13: Disposal considerations.

## 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

### 7.2 Conditions for safe storage

Keep in a cool, dry, well-ventilated area. Keep containers tightly closed.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1. Exposure Limit Values

<b>Phosphoric acid...% (Orthophosphoric acid)</b>	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: -	WEL 8 hr limit mg/m3: 1 WEL 15 min limit mg/m3: 2 WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: -
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#### 8.2 Exposure Controls

##### 8.2.1 Appropriate engineering controls

Ensure adequate ventilation of the working area.

##### 8.2.2 Individual Protection Measures

Wear chemical protective clothing

Eye / face protection – in case of splashing wear approved safety goggles

Skin / Hand protection – chemical resistant gloves (PVC)

Respiratory protection – wear: self-contained breathing apparatus

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Gel
Colour	Blue
Odour	Odourless

## 10 STABILITY AND REACTIVITY

<b>Reactivity</b>	No data available.
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	No data available.
<b>Conditions to Avoid</b>	Alkalis. Heat.
<b>Incompatible Materials</b>	No data available.

<b>Hazardous decomposition products</b>	No data available.
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## 11 TOXICOLOGICAL INFORMATION

No data available.


## 12 ECOLOGICAL INFORMATION

<b>12.1. Toxicity</b>	No data available.
<b>12.2. Persistence and degradability</b>	No data is available on this product.
<b>12.3. Bioaccumulative potential</b>	No data is available on this product.
<b>12.4. Mobility in soil</b>	No data is available on this product.
<b>12.5. Results of PBT and vPvB assessment</b>	No data available.
<b>12.6. Other adverse effects</b>	No data available.

## 13 DISPOSAL CONSIDERATIONS

Dispose of in compliance with all local and national regulations.  
 For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.  
 Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

## 14 TRANSPORTATION INFORMATION

<b>Hazard pictograms</b>	
<b>14.1 UN Number</b>	UN1805
<b>14.2 UN proper shipping name</b>	Phosphoric acid, solution
<b>14.3 Transport hazard class (es)</b>	
ADR/RID	8
Subsidiary risk IMDG	- 8
Subsidiary risk IATA	- 8
Subsidiary risk	-
<b>14.4 Packing Group</b>	III
<b>14.5 Environmental hazards</b>	

Environmental hazards	No
Marine pollutant	No
<b>ADR/RID</b>	
Hazard ID	80
Tunnel Category	(E)
<b>IMDG</b>	
EmS Code	F-A-S-B
<b>IATA</b>	
Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instructions (Passenger)	852
Maximum quantity	5 L
<b>Further information</b>	
This product is NOT classified as dangerous for carriage.	

## 15 REGULATORY INFORMATION

The product is classified in accordance with 67/548/EEC.

## 16 OTHER INFORMATION

Revision	This document differs from the previous version in the following areas: 2 - Classification - EC1272/2008; 2 - Hazard pictograms; 2 - Signal Word; 2 - Further information; 3 - 67/548/EEC / 1999/45/EC; 3 - EC 1272/2008; 10 - Conditions to Avoid; 13 – Disposal Considerations.
Text of risk phrases in Section 3	R34 – Causes burns
Text of Hazard Statements in Section 3	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Powered

**REVISED DATE: 20/03/2018**

**ISSUE No: 4**

**SUPERSEDES  
ISSUE: 3**

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This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

**Emergency Phone No: 023 8086 6677**