

# SAFETY DATA SHEET

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## H2O FLIP FLOP CONTROLLER

Revision 2  
Revision date 4-Jul-2007

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** H2O FLIP FLOP CONTROLLER

**Company** Pro-Spray Automotive Finishes Ltd  
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Croxton  
St Neots  
PE19 6SS  
Catherine@pro-spray.co.uk

**Telephone** +44 (0) 1480 880035

**Fax** +44 (0) 1480 880108

**Product code** MST-237

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Ethylene glycol monobutyl ether (2-Butoxyethanol)	1-10%	111-76-2	203-905-0	Xn; R20/21/22 Xi; R36/38
2-Dimethylaminoethanol	0-0.5%	108-01-0	203-542-8	R10 Xn; R20/21/22 C; R34
DIPROPYLENE GLYCOLMONO-METHYLETHER ((2-methoxymethylethoxy) propanol)	0-0.5%	34590-94-8	252-104-2	

### 3. HAZARDS IDENTIFICATION

**Main hazards** Irritating to eyes and skin. May cause sensitisation by skin contact.

### 4. FIRST AID MEASURES

**Skin contact** May cause irritation to skin. Remove contaminated clothing. Wash off immediately with plenty of soap and water. Do NOT use solvents or thinners..

**Eye contact** May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Inhalation** Move the exposed person to fresh air. Keep the affected person warm and at rest. If unconscious, check for breathing and apply artificial respiration if necessary. If breathing stops, provide artificial respiration. Seek medical attention.

**Ingestion** DO NOT INDUCE VOMITING. Keep the affected person warm and at rest. Seek medical attention.

**General information** In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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## 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Carbon dioxide (CO2) Dry chemical. Use extinguishing media appropriate to the surrounding fire conditions. Do NOT use water jet.
<b>Fire hazards</b>	Fire will produce dense black smoke. Do not allow runoff water to enter sewers or drains. Wear self contained breathing apparatus and protective clothing.
<b>Protective equipment</b>	Self-contained breathing apparatus. Wear suitable respiratory equipment when necessary.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Eliminate all sources of ignition. Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.
<b>Environmental precautions</b>	Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Prevent further spillage if safe.
<b>Clean up methods</b>	Absorb with inert, absorbent material. Clean area thoroughly with detergent. Transfer to suitable, labelled containers for disposal.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Ensure adequate ventilation of the working area. Keep away from sources of ignition - No smoking. Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>Storage</b>	Keep container tightly closed and in a well-ventilated place. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers. Store at temperatures between 5 °C and 35 °C.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

Ethylene glycol monobutyl ether (2-Butoxyethanol)	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: -
2-Dimethylaminoethanol	WEL 8-hr limit ppm: 2 WEL 15 min limit ppm: 6	WEL 8-hr limit mg/m3: 7.4 WEL 15 min limit mg/m3: 22
DIPROPYLENE GLYCOLMONO-METHYLEETHER (2-methoxymethylethoxy) propanol)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 308 WEL 15 min limit mg/m3: -

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Occupational exposure controls</b>	2-Butoxyethanol CAS#111-76-2 ACGIH TLV: 20 PPM OSHA PEL: 50 PPM. Dipropylene Glycol Nonmethyl Ether CAS# 34590-94-8 ACGIH TLV: 100ppm STEL: 150 ppm OSHA PEL:100ppm.
<b>Respiratory protection</b>	Wear suitable respiratory equipment when necessary.
<b>Hand protection</b>	Apply a barrier cream before handling the product. Nitrile rubber gloves.
<b>Eye protection</b>	Avoid contact with eyes. In case of splashing, wear: Safety glasses.
<b>Protective equipment</b>	Wear suitable protective equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid.
<b>Flash point</b>	N/A°C
<b>Relative density</b>	1.030
<b>Water solubility</b>	slightly miscible in water.
<b>VOC (Volatile organic compounds)</b>	301 g/l

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## 10. STABILITY AND REACTIVITY

**Stability** Stable under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

**Toxicological information** No data is available on this product.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** No data is available on this product. Do not allow runoff water to enter sewers or drains.

## 13. DISPOSAL CONSIDERATIONS

**General information** Do not allow product to enter drains. Dispose of in compliance with all local and national regulations.

**Disposal of packaging** Containers must be recycled in compliance with national legislation and environmental regulations.

## 14. TRANSPORT INFORMATION

**Further information** The product is not classified as dangerous for carriage.

## 15. REGULATORY INFORMATION

**Symbols** Xi - Irritant



**Risk phrases** R36/38 - Irritating to eyes and skin.  
R43 - May cause sensitisation by skin contact.

**Safety phrases** S24 - Avoid contact with skin.  
S37 - Wear suitable gloves.

**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. 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.

## 16. OTHER INFORMATION

**Text of risk phrases in Section 2** R10 - Flammable.  
R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.  
R34 - Causes burns.  
R36/38 - Irritating to eyes and skin.

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**Revision** This document differs from the previous version in the following areas:  
8 - occupational exposure controls.

**Maximum content of VOC** 301 g/l