

**SAFETY DATA SHEET**  
according to 1907/2006/EC, Article 31

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**AGS GRAFFI GHOST GEL**

Revision 3  
Revision date 23-02-2010

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

**Product name** AGS GRAFFI GHOST GEL  
**Company** tensid uk ltd  
Aquila House  
70A Wheatash Road  
Addlestone  
Surrey  
KT15 2ES  
**Telephone** 01932 564133  
**Product code** 172

**2. HAZARDS IDENTIFICATION**

**Main hazards** Harmful if swallowed. Causes severe burns.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Hazardous ingredients**

	<b>Conc.</b>	<b>CAS</b>	<b>EINECS</b>	<b>Symbols/Risk phrases</b>
Dipropylene glycol monomethyl ether ((2-methoxymethylethoxy) propanol)	1-10%	34590-94-8	252-104-2	
Potassium hydroxide	20-30%	1310-58-3	215-181-3	Xn; R22 C; R35

**4. FIRST AID MEASURES**

**Skin contact** Causes burns.  
Wash off immediately with plenty of soap and water. Remove contaminated clothing.  
Seek medical attention if irritation or symptoms persist.

**Eye contact** Causes burns. Causes severe inflammation and may damage the cornea.  
Rinse immediately with plenty of water for 15 minutes holding the eyelids open.  
Contact lenses should be removed. Seek medical attention.

**Inhalation** Inhalation of vapour may cause shortness of breath.  
Move the exposed person to fresh air. Keep the affected person warm and at rest.  
Seek medical attention.

**Ingestion** Ingestion causes burns to the respiratory tract. Harmful if swallowed.  
DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Drink 1 to 2 glasses of water.  
Never give anything by mouth to an unconscious person. If swallowed, seek medical advice immediately and show this container or label.

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## 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Use extinguishing media appropriate to the surrounding fire conditions. Cool fire exposed containers with waterspray.
<b>Fire hazards</b>	Corrosive. Burning produces irritating, toxic and obnoxious fumes. Carbon oxides. Nitrogen oxides.
<b>Protective equipment</b>	In case of fire and/or explosion do not breathe fumes. Wear self contained breathing apparatus and protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

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

## 7. HANDLING AND STORAGE

<b>Handling</b>	Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Wear suitable protective equipment.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

Dipropylene glycol monomethyl ether (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: -
Potassium hydroxide	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: 2

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Local exhaust and general ventilation must be adequate to meet exposure standards. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Hand protection</b>	Chemical resistant gloves (PVC)
<b>Eye protection</b>	Face shield. Approved safety goggles. Provide eye wash station.
<b>Protective equipment</b>	Wear chemical protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Gel.
<b>Colour</b>	Cream.
<b>pH</b>	>13
<b>Relative density</b>	ca 1.300 g/ml

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## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Materials to avoid</b>	Alkali metals. Finely powdered metals. Strong acids.
<b>Hazardous decomposition products</b>	Under some circumstances, may corrode certain metals, including aluminium and zinc and generate hydrogen gas. Burning produces irritating, toxic and obnoxious fumes. Carbon oxides. Nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION

### Toxicological information

Potassium hydroxide Oral Rat LD50 = 365 mg/kg

**Acute toxicity** Harmful if swallowed.

**Corrosivity** Causes severe burns.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** May cause adverse effects to the environment due to high pH.

Potassium hydroxide Rainbow trout LC50/96h = 39 - 56 mg/l

**Mobility** Soluble in water.

**Bioaccumulation** Low bioaccumulation potential.

## 13. DISPOSAL CONSIDERATIONS

**General information** Dispose of in compliance with all local and national regulations.

## 14. TRANSPORT INFORMATION

### ADR/RID

UN 1814	Packing group II
Class 8	Hazard ID 80
<b>Proper Shipping Name</b> POTASSIUM HYDROXIDE, SOLUTION .	

### IMDG

UN 1814	Packing group II
Class 8	Marine pollutant NO
<b>EmS Code</b> F-A S-B	


### IATA

UN 1814	Packing group II
Class 8	Subsidiary risk -
<b>Packing Instruction (Cargo)</b> 813	Maximum quantity 30 L
<b>Packing Instruction (Passenger)</b> 809	Maximum quantity 1 L

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## 15. REGULATORY INFORMATION

<b>Labelling</b>	The product is classified in accordance with 67/548/EEC.
<b>Symbols</b>	C - Corrosive 
<b>Risk phrases</b>	R22 - Harmful if swallowed. R35 - Causes severe burns.
<b>Safety phrases</b>	S1/2 - Keep locked up and out of the reach of children. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of soap and water. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible), Soap and water.

## 16. OTHER INFORMATION

<b>Text of risk phrases in Section 3</b>	R22 - Harmful if swallowed. R35 - Causes severe burns.
<b>Further information</b>	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.
<b>Revision</b>	This document differs from the previous version in the following areas: 8 - respiratory protection.