



...advanced chemical  
solutions for industry...

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## D420 BARRIER SAFE

Revision 1  
Revision date 2013-12-09

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name D420 BARRIER SAFE

#### 1.3. Details of the supplier of the safety data sheet

Company	Assured Solutions Ltd
Address	Unit H Westminster Industrial Estate Measham Derbyshire DE12 7DS
Web	www.chemicalsuppliers.uk.com
Telephone	+44 (0)1530 272922
Fax	+44 (0)1530 272921
Email	sales@assuredsolutionsltd.co.uk

#### 1.4. Emergency telephone number

Emergency telephone number	01530 272 922
Company	ASSURED SOLUTIONS LTD 24hrs

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Main hazards No Significant Hazard

#### 2.3. Other hazards

Other hazards SPILLAGE MAY CREATE SLIP HAZARD.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

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## 3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
WATER					60 - 70%	
2-Phenoxyethanol	603-098-00-9	122-99-6	204-589-7		0 - 0.5%	Xn; R22 Xi; R36
PROPYL 4-HYDROXYBENZOATE		94-13-3			0 - 0.5%	
2-Bromo-2-nitropropane-1,3-diol	603-085-00-8	52-51-7	200-143-0		0 - 0.5%	Xn; R21/22 Xi; R37/38-41 N; R50
METHOX 4-HYDROXYBENZOATE		99-76-3			0 - 0.5%	
Potassium Stearate		593-29-3	209-786-1		1 - 10%	
WHITE OIL LIGHT BP		8042-47-5			0.5 - 1%	
CARBOPOL					0.5 - 1%	
PROPYLENE GLYCOL (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0		0 - 0.5%	
PEG 75/50 LANOLIN		61790-81-6			0 - 0.5%	
PERFUME					0 - 0.5%	
DYE					0 - 0.5%	
HEXYL CINNAMAL		101-86-0			0 - 0.5%	
CITRONELLOL		106-22-9			0 - 0.5%	
GERANIOL		106-24-1			0 - 0.5%	
LINALOOL		78-70-6			0 - 0.5%	
Dipentene	601-029-00-7	138-86-3	205-341-0		0 - 0.5%	R10 Xi; R38 R43 N; R50/53
COUMARIN		91-64-5			0 - 0.5%	

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	No Significant Hazard.
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.
Skin contact	No irritation expected. No Significant Hazard.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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## 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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## 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

## 6.1. Personal precautions, protective equipment and emergency procedures

	Adopt best Manual Handling considerations when handling, carrying and dispensing.
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## 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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## 6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

## 7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

PROPYLENE GLYCOL (Propane-1,2-diol particulates)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
PROPYLENE GLYCOL (Propane-1,2-diol total vapour and particulates)	WEL 8-hr limit ppm: 150	WEL 8-hr limit mg/m3: 474
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -

## 8.2. Exposure controls

## 8.2.1. Appropriate engineering controls

Not normally required.

## 8.2.2. Individual protection measures

Wear protective clothing.

## Eye / face protection

In case of splashing, wear:.. Approved safety goggles.

## Skin protection - Handprotection

Chemical resistant gloves (PVC).

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

State	Viscous liquid.
Colour	Red
Odour	Perfumes
pH	7 - 9
Relative density	0.99 - 1.01
Solubility	Miscible in water

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

Stable under normal conditions.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

## Acute toxicity

No data is available on this product.

## Skin corrosion/irritation

No Significant Hazard. No irritation expected. May cause irritation to eyes.

## SECTION 12: Ecological information

## 12.1. Toxicity

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## 12.1. Toxicity

No data is available on this product.

## 12.2. Persistence and degradability

DETERGENTS IN THIS FORMULATION ARE &gt;90% BIODEGRADABLE. More than 90% biodegradable.

## 12.3. Bioaccumulative potential

Does not bioaccumulate.

## SECTION 13: Disposal considerations

## General information

Dispose of in compliance with all local and national regulations.

## SECTION 14: Transport information

## ADR/RID

The product is not classified as dangerous for carriage.

## IMDG

The product is not classified as dangerous for carriage.

## IATA

The product is not classified as dangerous for carriage.

## Further information

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

## Labelling

## Risk phrases

No Significant Hazard.

## Safety phrases

S1/2 - Keep locked up and out of the reach of children.  
S25 - Avoid contact with eyes.

## Further information

the following allergens are present in this formula at between 0.01 and 0.001% and should be shown on the label., Coumarin, Linalool, Citronellol, Geraniol, Hexyl cinnamal, Limonene.  
Coumarin, Linalool, Citronellol, Geraniol, Heyl cinnamal, Limonene.

## SECTION 16: Other information

## Other information

## Revision

This document differs from the previous version in the following areas:  
15 - Further information.

## Text of risk phrases in Section 3

R10 - Flammable  
R21/22 - Harmful in contact with skin and if swallowed.  
R22 - Harmful if swallowed.  
R36 - Irritating to eyes.  
R37/38 - Irritating to respiratory system and skin.  
R38 - Irritating to skin.  
R41 - Risk of serious damage to eyes.  
R43 - May cause sensitisation by skin contact.  
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R50 - Very toxic to aquatic organisms.  
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 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

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**Further information**

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	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.
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