



**GRANWAX**  
Products Limited

# MATERIAL SAFETY DATA SHEET

Product name: **Reflect**

Reviewed date: June 2009

Reviewed by MC

## 1. Identification of substance

Substance: **Reflect**  
Supplier: Granwax Products Ltd  
West Street  
Riddings, Alfreton  
Derbyshire. DE55 4EW.  
Telephone: 01773 541177 Fax: 01773 541429.  
This revision: June 2009

## 2. Composition/Data on components

*Composition and classification of potentially hazardous components.*

<u>Component</u>	<u>Concentration range</u>	<u>Classification</u>
2-Butoxyethanol CAS No. 111-76-2	Less than 12.5%	None (greater than 12.5% Harmful)
Propan-2-ol CAS No.67-63-0	Less than 3.5%	None

*Occupational exposure limits:*

2-Butoxyethanol	Occupational Exposure Standard	123 mg/m <sup>3</sup>	8 hour TWA Sk
Propan-2-ol	Occupational Exposure Standard	999 mg/m <sup>3</sup>	8 hour TWA

Sk - Can be absorbed through skin  
From HSE Doc. EH 40/2008 and manufacturers information.

## 3. Hazards identification

This preparation is not classified as hazardous. The following safety phrases apply.

S2-	Keep out of reach of children
S24/25-	Avoid contact with the skin and eyes

## 4. First aid measures

**Skin exposure:** If soreness or irritation occurs as the result of skin exposure, wash the affected area with clean running water for at least 15 minutes. If symptoms persist seek medical advice.

**Eye splashes:** If the material is splashed into the eye, wash the affected eye with clean running water for at least 15 minutes. Seek medical advice.

**Swallowing (ingestion):** If material is accidentally swallowed, do not make patient vomit, seek medical advice. This information should be taken with the patient when seeking medical advice.

**Inhalation;** Move patient to fresh air. If patient is unconscious, place in the recovery position and seek medical help immediately.



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## 5. Fire fighting measures

No special measures are required for fighting a fire involving, or in the vicinity of this preparation.

## 6. Accidental release measures

Spillages should be contained with a non-combustible adsorbent material and collected for disposal in accordance with the local regulations.

Spillages should not be allowed to run to surface waters.

## 7. Handling & storage

No special storage requirements are required for this preparation. All chemical preparations should be stored securely where they cannot be interfered with or used by unauthorised persons.

## 8. Exposure controls & personal protection

As with any solvent based product, prolonged exposure of the skin may cause irritation and dermatitis. Rubber or latex gloves should be used to protect the hands during use and suitable work-wear or overalls should be used to protect clothing and skin.

As with all solvent based products, approved eye protection should be used when handling this material. Use only in well ventilated areas, if the OES is likely to be exceeded an approved respirator should be used.

## 9. Physical and chemical properties

Appearance:	Clear blue liquid	Odour:	Slightly alcoholic
pH:	Not applicable	Boiling point / range	No data
Melting point / range	Not applicable	Flash point	Not flammable
Flammability	Flammable	Autoflammability	Not applicable
Explosive properties	None	Oxidising properties	None
Vapour pressure	Not known	Relative density	Approx. SG 0.99
Solubility	Fully soluble	Partition coefficient: n-octanol / water	not determined

## 10. Stability and reactivity

This preparation is stable and generally unreactive.



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## 11. Toxicological information

The product is of low general toxicity.

This preparation may cause irritation to the eyes and mucous membranes. As with all solvent containing preparations it may be irritant to the skin. Any person with a history of skin sensitisation should take extra care when handling this preparation. Reducing the periods of skin exposure to any substance or preparation will reduce the risk of sensitization or other irritation occurring.

If exposure levels can not be directly measured a Biological Monitoring Guidance Value (BMGV) has been set for 2-Butoxyethanol of 240 mmol butoxyacetic acid/mol creatine in urine, the sample to be taken post shift.

## 12. Ecological information

The exact ecological effects of this product are unknown but the solvents present may be marine pollutants.

## 13. Disposal considerations

All waste produced by industry or commerce is subject to the Duty Of Care Of Waste Regulations. Empty containers should be washed with water before disposal.

## 14. Transport information

There are no special requirements for the transport of this preparation.

## 15. Regulatory information

The following safety phrases apply.

Contains 2-Butoxyethanol EC No. 203-905-0

Contains Propan-2-ol EC No. 200-661-7

S2-	Keep out of the reach of children
S24/25-	Avoid contact with the skin and eyes

This substance is classified as a substance hazardous to health within the definition given in Regulation 2 of the COSHH Regulations. An assessment of the risks to health caused by the use of this substance and the other requirements of the COSHH regulations must therefore be made by any employer or self employed person using this preparation at work.

## 16. Other information

No other safety information is applicable to the use of this preparation for its intended purpose.