



GRANWAX
Products Limited

MATERIAL SAFETY DATA SHEET

Product name: **Lift Off**

Reviewed date: June 2009

Reviewed by MC

1. Identification of substance

Substance: **Lift Off**
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	Approx. 15%	Harmful
Sodium metasilicate	Approx. 3	Irritant
Monoethanol amine (2-amino ethanol) CAS No. 141-43-5	Approx. 6%	Harmful, Irritant

Occupational exposure limits:

2-Butoxyethanol	Occupational Exposure Limit	123 mg/m ³ 8 hour TWA Sk
2-Aminoethanol	Occupational Exposure Standard	2.5 mg/m ³ 8 hour TWA

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

3. Hazards identification

.This preparation is classified as IRRITANT and HARMFUL and the following risk and safety phrases apply

R20/21/22-	Harmful by inhalation, in contact with skin and if swallowed
R36/37/38-	Irritating to eyes, respiratory system and skin
S2 -	Keep out of the reach of children
S24/25-	Avoid contact with the skin and eyes
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection



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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.

5. Fire fighting measures

Use dry powder or foam extinguishants only.

Toxic fumes may be released during combustion. Fire fighters should wear self contained breathing apparatus.

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

7.1. Protect from freezing and temperatures above 50 C.

7.2 Store away from acids.

7.2 Store away from sources of heat or ignition. 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 containing 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 cleansing 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.



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9. Physical and chemical properties

Appearance:	Liquid	Odour:	Mild solvent
pH:	Approx. 12	Boiling point / range:	Not applicable
Melting point / range	Not applicable	Flash point:	Above 67 C
Flammability	Not applicable	Autoflammability:	230 deg. C
Explosive properties	Not applicable	Oxidising properties:	none
Vapour pressure	Not known	Relative density :	Not known
Solubility	Fully water soluble	Partition coefficient: n-octanol / water	Not determined

10. Stability and reactivity

This preparation is generally stable.
Can react violently with acids and oxidising agents.

11. Toxicological information

The product is of moderate general toxicity.
This preparation may cause irritation to the eyes and mucous membranes. As with all containing based 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

No data available.
The exact ecological effects of this product are unknown but the solvent present is likely to be a marine pollutant.

13. Disposal considerations

All waster produced by industry or commerce is subject to the Duty Of Care Of Waste Regulations.
This product is classified as Special Waste and should be disposed of in accordance with the Special Waste Regulations.

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14. Transport information

Not classified as dangerous goods under CDGCP2.

15. Regulatory information

This preparation is classified as IRRITANT and HARMFUL and labels for this preparation must carry a Harmful symbol with the word "Harmful" and the following risk and safety phrases.

Contains Sodium metasilicate	EC No. 229-912-9
Contains Monoethanolamine	EC No. 205-483-3
Contains 2-Butoxyethanol	EC No. 203-905-0

R20/21/22-	Harmful by inhalation, in contact with skin and if swallowed
R36/37/38-	Irritating to eyes, respiratory system and skin
S2 -	Keep out of the reach of children
S24/25-	Avoid contact with the skin and eyes
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection

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.