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

Material
OLUX FOAM 0.05%

Synonym(s)
CLOBETASOL PROPIONATE FOAM 0.05% * FORMULATION CODE: 926A * STIEFEL PRODUCT * CLOBETASOL PROPIONATE, FORMULATED PRODUCT

Recommended Use
Cosmetic Product

Note
This safety data sheet is written to provide health, safety and environmental information for people handling this formulated product in the workplace. It is not intended to provide information relevant to medicinal use of the product. In this instance patients should consult prescribing information/package insert/product label or consult their pharmacist or physician. For health and safety information for individual ingredients used during manufacturing, refer to the appropriate safety data sheet for each ingredient.

Company Name
Stievel Laboratories, Inc. (a GSK company)
GlaxoSmithKline UK
980 Great West Road
Brentford, Middlesex TW8 9GS UK
UK General Information (normal business hours): +44-20-8047-5000

GlaxoSmithKline US
5 Moore Drive
Research Triangle Park, NC 27709 USA
US General Information (normal business hours): +1-888-825-5249

Email Address: msds@gsk.com
Website: www.gsk.com

EMERGENCY PHONE NUMBERS -

TRANSPORT EMERGENCIES (by country / geographic region):
Africa / EU / Israel / Middle East (English / European languages): +44 (0) 1235 239 670
Asia Pacific (except China): +65 3158 1074
China: +86 10 5100 3039
Middle East / Africa (Arabic-speaking countries): +44 (0) 1235 239 671
US: +1 703 527 3887
available 24 hrs/7 days; multi-language response

MEDICAL EMERGENCIES:
+1 612 221 3999, Ext 221
available 24 hrs/7 days; multi-language response

2. HAZARDS IDENTIFICATION

Fire and Explosion Hazards
This product is extremely flammable.

Health
Caution - Pharmaceutical agent.
Caution - The toxicological properties of this material have not been fully investigated.
Not expected to be a health hazard during normal handling.
Health effects information is based on hazards of components.
Possible effects of overexposure in the workplace include: irritation; headache; dizziness; drowsiness; symptoms similar to alcohol intoxication; symptoms of hypersensitivity (such as skin rash, hives, itching). May cause steroid withdrawal rash.
Exposure might occur via inhalation; ingestion; skin; eyes.
Environment

No information is available about the potential of this product to produce adverse environmental effects.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS #</th>
<th>Percent</th>
<th>EC-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLOBETASOL PROPIONATE</td>
<td>25122-46-7</td>
<td>0.05</td>
<td>246-634-3</td>
</tr>
<tr>
<td>ETHANOL</td>
<td>64-17-5</td>
<td>55.5 - 57.5</td>
<td>200-578-6</td>
</tr>
<tr>
<td>ISOBUTANE</td>
<td>75-28-5</td>
<td>1.5 - 3.0</td>
<td>200-857-2</td>
</tr>
<tr>
<td>N-BUTANE</td>
<td>106-97-8</td>
<td>1.0 - 2.0</td>
<td>203-448-7</td>
</tr>
<tr>
<td>PROPANE</td>
<td>74-98-6</td>
<td>2.0 - 4.0</td>
<td>200-827-9</td>
</tr>
</tbody>
</table>

Other components below reportable levels: <35.0

4. FIRST-AID MEASURES

**Ingestion**

Never attempt to induce vomiting. Do not attempt to give any solid or liquid by mouth if the exposed subject is unconscious or semi-conscious. Wash out the mouth with water. If the exposed subject is fully conscious, give plenty of water to drink. Obtain medical attention.

**Inhalation**

Using appropriate personal protective equipment, move exposed subject to fresh air. If breathing is difficult or ceases, ensure and maintain ventilation. Give oxygen as appropriate. The exposed subject should be kept warm and at rest. Obtain medical attention in cases of known or possible over exposure, or with symptoms including chest pain, difficulty breathing, loss of consciousness or other adverse effects, which may be delayed.

**Skin contact**

Using appropriate personal protective equipment, remove contaminated clothing and flush exposed area with large amounts of water. Obtain medical attention if skin reaction occurs, which may be immediate or delayed.

**Eye contact**

Wash immediately with clean and gently flowing water. Continue for at least 15 minutes. Obtain medical attention.

NOTES TO HEALTH PROFESSIONALS

**Medical Treatment**

In allergic individuals, exposure to this material may require treatment for initial or delayed allergic symptoms and signs. This may include immediate and/or delayed treatment of anaphylactic reactions.

**Medical Conditions Caused or Aggravated by Exposure**

Ocular symptoms may be indicative of allergic reaction.

**Health Surveillance Procedures**

Pre-placement and periodic health surveillance is not usually indicated. The final determination of the need for health surveillance should be determined by local risk assessment. Exposed individuals are encouraged to report symptoms of skin and respiratory irritation to an occupational health professional or line management. These symptoms may include, but are not limited to, skin conditions, bronchitis, asthma, or nasal irritation.

**Antidotes**

No specific antidotes are recommended.

5. FIRE-FIGHTING MEASURES

**Fire and Explosion Hazards**

This product is extremely flammable. Aerosol containers may violently rupture when exposed to the heat of fire.

**Extinguishing Media**

Water is recommended for fires involving packaging.

**Special Firefighting Procedures**

For single units (packages): No special requirements needed.
For larger amounts (multiple packages/pallets) of product: Since toxic, corrosive or flammable vapours might be evolved from fires involving the associated packaging, self contained breathing apparatus might be considered for fire fighters.
If possible, contain and collect firefighting water for later disposal.
Hazardous Combustion Products  Toxic, corrosive or flammable thermal decomposition products are expected when the product is exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions  Stop leak and eliminate all sources of ignition (no smoking, sparks or flames). Fence or cordon the affected area and do not allow individuals to touch or walk through the spilled material unless wearing appropriate protective clothing. Wear protective clothing and equipment consistent with the degree of hazard. Vapour-suppressing foam or water spray may be used to control vapours as appropriate.

Environmental Precautions  Prevent entry into waterways, sewers, surface drainage systems and poorly ventilated areas.

Clean-up Methods  Spread an inert absorbent on the spill and place in a suitable, properly labelled container for recovery or disposal. Equipment used for clean-up should be earthed (grounded) and non-sparking.

Decontamination Procedures  No specific decontamination or detoxification procedures have been identified for this product. Water can be used for clean-up and decontamination operations.

7. HANDLING AND STORAGE

HANDLING

General Requirements  Handle in open or well ventilated areas.

Ignition Controls  Keep this material away from all forms of ignition such as open flames, mechanical sparks, frictional heat and hot surfaces.

STORAGE  Keep material in sealed containers in a cool, well-ventilated area away from sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT  CLOBETASOL PROPIONATE

GSK Occupational Hazard Category  4

GSK Occupational Exposure Limit  2 mcg/m3 (8 HR TWA)  REPRODUCTIVE HAZARD, SKIN

Other Exposure Limits  Regulatory or other health protective exposure control standards have been developed for a component, or components, in this mixture. Consult supplier SDS, company occupational hygienist, or safety department.

PERSONAL PROTECTIVE EQUIPMENT

Eye Protection  Wear approved safety glasses with side shields if eye contact is possible.

Other Equipment or Procedures  An eye wash station should be available. Wash hands and arms thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Colour  White.

Physical Form  Foam.

Packaging  Aerosol container.

10. STABILITY AND REACTIVITY

Conditions to Avoid  Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 degrees C. Do not puncture or incinerate when empty. Do not overheat containers, they might violently rupture.

11. TOXICOLOGY INFORMATION

Pharmacological Effects  This product contains active ingredient(s) with the following activity: a selective glucocorticoid receptor agonist.
Target Organ Effects
Adverse effects might occur in the following organ(s) following overexposure: adrenal glands; immune system.

Symptoms of Overexposure
Possible effects of overexposure in the workplace include: irritation; headache; dizziness; drowsiness; symptoms similar to alcohol intoxication; symptoms of hypersensitivity (such as skin rash, hives, itching). May cause steroid withdrawal rash.

Routes of Exposure

Oral Toxicity
Not expected to be toxic following ingestion. Assessment based upon effects of individual components.

Inhalation Toxicity
No studies have been conducted.

Skin Effects
Minor irritation might occur following direct contact.

Eye Effects
Irritation might occur following direct contact with eyes. May cause reddening, swelling and pain. Assessment based upon effects of individual components.

Sensitisation
Allergic skin reactions might occur following repeated contact with this material in susceptible individuals. Symptoms of hypersensitivity may include skin rash, hives and itching.

Genetic Toxicity
Not expected to be genotoxic, based on effects of individual components.

Carcinogenicity
No studies have been conducted and this material is not listed as a carcinogen by GSK, IARC, NTP or US OSHA. Contains a material (ethanol) classified as a carcinogen by external agencies (IARC). High concentrations or doses administered over an extended period of time were required to produce adverse effects.

Reproductive Effects
Not expected to produce adverse effects on fertility or development under occupational exposure conditions. Contains components which have been classified as: This material produced developmental toxicity in studies with experimental animals.

12. ECOLOGICAL INFORMATION

Summary
No information is available about the potential of this material to produce adverse environmental effects. Local regulations and procedures should be consulted prior to environmental release.

13. DISPOSAL CONSIDERATIONS

Disposal Recommendations
Collect for recycling or recovery if possible. The disposal method for rejected products/returned goods must ensure that they cannot be re-sold or re-used.

Regulatory Requirements
Observe all local and national regulations when disposing of this product.

14. TRANSPORT INFORMATION

The SDS should accompany all shipments for reference in the event of spillage or accidental release. Only authorised persons trained and competent in accordance with appropriate national and international regulatory requirements may prepare dangerous goods for transport.

UN Classification and Labelling

Proper Shipping Name
Aerosols
(OLUX FOAM 0.05%)

UN Number
UN 1950

Class/Division
2.1

Packing Group
Not applicable

Risk Label(s)
Class 2.1 Flammable Gas
International Air Transport (IATA Requirements)
- UN/ID Number: ID 8000
- Proper Shipping: Consumer Commodity
- ICAO/IATA Class/Division: 9
- Classification and Labelling: See IATA Special Provision A98.
- Packing Instructions: See Packing Instruction Y963.
- Limited Quantities: May be able to ship as an Excepted or Limited Quantity.

International Maritime Transport (IMDG Requirements)
- Classification and Labelling: As UN Classification and Labelling above
- Limited Quantities: May be able to ship as an Excepted or Limited Quantity.

US Domestic Transport (DOT Requirements)
- Proper Shipping Name: Consumer Commodity, ORM-D
- DOT Hazard Class/Division: ORM-D
- UN/NA Number: None
- Classification and Labelling: See 173.306(i); After 1Oct08, see 173.306(j).
- Limited Quantities: May be able to ship as an Excepted or Limited Quantity.

European Ground Transport (ADR/RID Requirements)
- Classification and Labelling: Not subject to ADR, see SP 601.

15. REGULATORY INFORMATION

The information included below is an overview of the major regulatory requirements. It should not be considered to be an exhaustive summary. Local regulations should be consulted for additional requirements.

EU Classification and Labelling
- Exempt from requirements of EU Dangerous Preparations directive - product regulated as a medicinal product, cosmetic product or medical device.

- Classification: This product is exempt from the requirements of the OSHA Hazard Communication Standard.

Other US Regulations
- TSCA Status: Exempt

16. OTHER INFORMATION

References
- GSK Hazard Determination

SDS Version Number
- 2

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.