

# Material Safety Data Sheet

In accordance with REACH Regulation (EC) no. 1907/2006

## 1. Identification of the substance/mixture and of the company/undertaking.

<b>Produktidentificator:</b>	<b>SPECIAL GLIDEX</b>	<b>PR-no.:</b> Not notifiable
<b>Relevant identified uses of the substance or mixture and uses advised against:</b> The product is used as lubricant		
<b>Details of the supplier of the safety data sheet:</b>		<b>Producer:</b>
Company:	Unipak A/S Marktoften 3c 8464 Galten Denmark	
Contactperson:	lve@eurofins.dk	
<b>Phone no. for emergencies:</b>	+45 86 26 11 77 (Unipak, work hours) +45 82 12 12 12 (Bispebjerg hospital, Giftlinje ("Toxins Line"))	
Date:	12.11.2012	

The logo for Unipak, featuring the word "Unipak" in a bold, yellow, sans-serif font with a black outline.

## 2. Hazards identification

### Classification of the substance or mixture

The product is not classified as harmful with regard to Danish Environment Ministry Order no. 1075/2011.  
The product is not covered by the rules for classification and labeling.  
Long-term contact with the product can result in dry skin. May have an irritant effect on contact with the eyes.

### Labeling elements:

#### Labeling according to 1075/2011

Eurofins Product Testing A/S 12 November 2012 estimated that the product should not be classified according to the Danish Environment Ministry Order on classification, labeling etc.

Other hazards: None known.  
PBT/vPvB: Components are not PBT/vPvB according to the criteria in REACH Annex XIII.

## 3. Composition/information on ingredients

### Substances: -

**Mixture:** Mixture of substances listed below and not information liable substances.

<u>Substance name</u>	<u>CAS-no.</u>	<u>EF-no.</u>	<u>Indeks-no.</u>	<u>Veight-%</u>	<u>REACH req.-no.</u>	<u>Classification</u>
Alcoholer, C12-14, ethoxyleret, sulfater, natriumsalte	68891-38-3	500-234-8	-	< 5,0%	-	F; Xi R38-41 <b>CLP*:</b> Skin. Irrit. 2, H315 Eye. Dam. 1, H318
Triethaloamin	102-71-6	203-049-8	-	< 1,0%	-	F;Xi;R36 <b>CLP*:</b> Eye Irrit. 2, H319

CLP\*: European Parliament and Council Regulation (EC) No 1272/2008.

The full text of R-and H-phrases: see section. 16

## 4. First-aid measures

### Description of first aid measures:

#### General information:

Clothing that is contaminated with the product must be taken off immediately.

#### Inhalation:

Seek fresh air

#### Skin contact:

Wash the skin with plenty of soap and water. Contact physician if irritation continues.

#### Eye contact:

Open the eye wide and rinse with plenty of water for at least 15 minutes. Remove contact lenses. If the irritation does not improve, seek medical advice.

#### Swallowing:

Rinse mouth thoroughly and drink plenty of water. Seek medical advice in case of persistent discomfort.

#### Most important symptoms and effects, both acute and delayed:

This product may cause mild eye irritation.

#### Indication of any immediate medical attention and special treatment needed:

Not applicable.

## 5. Fire-fighting measures

### Extinguishing media:

Water spray (never water jet - spreads the fire) CO2 foam. Fight larger fires with water spray or alcohol resistant foam.

### Special hazards arising from the substance or mixture:

Carbon monoxide (CO) Carbon dioxide (CO<sub>2</sub>).  
Sulphur dioxide (SO<sub>2</sub>)

### Advice for firefighters:

Do not inhale explosion gases or combustion gases. Wear self-contained breathing apparatus for firefighting.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures:

Spilled product causes possible slipping danger

### Environmental precautions:

Avoid discharge into drainage systems - see section. 12. At release to the external environment, contact the environmental authorities

### Methods and materials for containment and cleaning up:

Pick up mechanically. Dispose of the material collected according to regulations. Further handling of spillage - see section. 13

### Reference to other sections:

Information on safe handling See section 7  
Information on personal protective equipment see Section 8  
Information on disposal see section 13

## 7. Handling and storage

### Precautions for safe handling:

Avoid contact with skin and eyes. The workplace must be well ventilated.

### Information about fire and explosion protection:

No special precautions.

### Conditions for safe storage, including any incompatibilities:

**Requirements for storerooms and containers:** Store only in original container.  
**Information about storage facility:** Do not store together with oxidizing and acidic materials.  
**Further information about storage conditions:** Protect from frost.  
**Recommended storage temperature:** room temperature

Fire hazard class: -

### Specific use:

See application - section. 1

## 8. Exposure controls/personal protection

### Control parameters:

The following notifiable ingredients have a threshold according to the notice of the limit values for substances and materials No 1134/2011:

### Components with critical work place values that require monitoring:

**Triethanolamine:** TWA (DK) 3.1 mg / m<sup>3</sup>, 0.5 ppm

**DNEL:** No CSR.

**PNEC:** No CSR.

### Exposure control:

Appropriate measures for exposure control:

### Personal protective equipment:

**General protective and hygienic measures:** The usual precautionary measures for handling chemicals.

**Respiratory protection:** Not required.

**Protection of hands:** Protective gloves

**Glove material:** nitrile. It is important to note that there are many different types of gloves, why it is necessary to document the effectiveness with regard to the actual product. Documentation may be achieved from the glove producer.

**Gloves of the following materials are not suitable:**

Leather gloves

Gloves of heavy fabric.

**Eye Protection:** Goggles

**Body protection:** Protective clothing

### Measures to reduce environmental exposure:

Any residues and waste from production must be collected and disposed of as mentioned in para. 13

Treatment and discharge of waste water shall be in accordance with local regulations.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties:

Appearance: White creamy consistency

Vapour pressure: -

Odour: Soapy

Vapor Density: -

Odour threshold: -

Density: -

pH: 8,3-9,3 (CB-A-025)

Solubility in water: Emulsifiable

Melting point/freezingpoint: -

Partition coefficient n-octanol/water: -

Initial boiling point and boiling range: -

Auto-ignition temperature: -

Flash point: >100°C

Decomposition temperature: -

Evaporation rate: -

Viscosity: -

Flammability: -

Explosive properties: -

Upper / lower flammability or explosive limits vol.%: -

Oxidizing properties: -

Other information: -

-: Means no data or not applicable

## 10. Stability and reactivity

### Reactivity:

Stable under normal conditions.

### Chemical stability:

Stable under recommended storage conditions.

### Possibility of hazardous reactions:

Stable under normal conditions. Reactions with strong acids and oxidizing agents.

### Conditions to avoid:

Avoid thermal decomposition, do not overheat.

### Materials to avoid:

None known.

### Hazardous decomposition products:

With proper and normal storage / handling / transporting: None.  
During thermal decomposition: Hydrogensulfide

## 11. Toxicological information

### Information on toxicological effects:

Likely routes of exposure: Skin, lungs and gastrointestinal tract.

### Symptoms:

#### Inhalation:

May cause slight irritation to the respiratory system.

#### Skin:

This product may cause irritation after repeated or prolonged contact with skin.

#### Eyes:

This product may irritate the eyes.

#### Ingestion:

Ingestion may cause nausea and vomiting.

#### Long-term effects:

None known.

## 12. Ecological information

**Toxicity:**

There are insufficient data for an environmental classification of ingredients according to Danish Environment Ministry criteria.

**Persistence and degradability:**

No data available.

**Bioaccumulative potential:**

No data available.

**Mobility in soil:**

No data available.

**Results of PBT and vPvB assessment:**

Components are not PBT / vPvB according to the criteria in Reach Annex XIII.

**Other adverse effects:**

None known.

## 13. Disposal

**Waste treatment methods:**

This product is not considered hazardous waste. Use the municipal collection and removal system

**Chemical Group:**

H

**Waste fraction:**

06.04

**EAK code:**

20 03 99

## 14. Transport information

The product is not classified as hazardous with respect to transportation.

**UN-number:** -

**Transport hazard class (es):** -

**Environmental hazards:** None with respect to transport regulations

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:**

Not applicable.

**UN proper shipping name:-**

**Packing group:** -

**Special precautions for user:** -

-: Means no data or not applicable

## 15. Regulatory information

**Regulations / legislation specific for the substance or mixture with respect to safety, health and environment:**

**National regulations:**

Limit values for substances and materials No 1134/2011.

**Chemical Safety assessment:**

No CSA.

## 16. Other information

### Hazard Phrases referred to under sections 2, 3 and 16:

None.

### Abbreviations:

At = Arbejdstilsynet (The Danish Working Environment Authority)  
CMR = Carcinogenitet, mutagenitet og reproduktionstoksicitet  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DNEL = Derived No-Effect level  
EC<sub>50</sub> = Effect Concentration 50%  
LC<sub>50</sub> = Lethal Concentration 50%  
LD<sub>50</sub> = Lethal Dose 50%  
PBT= Persistent, Bioaccumulative, Toxic  
PNEC = Predicted No-Effect Concentration  
vPvB = very Persistent, very Bioaccumulative

### Litteratur:

C&L Inventory database = Industrial list  
IUCLID = International Uniform Chemical Database Information  
ECHA = European Chemical Agency

### Training advice/instruction:

The product should only be used by persons well instructed in the proper work procedure and who are familiar with the contents of this safety data sheet.

### Additional information:

The safety data sheet is prepared according to REACH Regulation (EC) No. 1907/2006.  
The safety data sheet is updated. Latest version: 07.04.2010. Original version 11.01.1997.

**Changes since the previous version:** Item 1-16.

### Classification of the substance or mixture according to CLP \*:

The product is not classified as hazardous under CLP.  
The product is not covered by the rules for classification and labeling.  
This product may cause irritation after repeated or prolonged contact with skin.

CLP \*: European Parliament and Council Regulation (EC) No 1272/2008

### Label elements:

#### Labelling according to CLP (1272/2008)

Eurofins Product Testing A/S on the 12th of November 2012 assessed that the product should not be classified by the European Parliament and Council Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures (CLP).

Other hazards: No known.

PBT/vPvB: Components are not PBT/vPvB according to the criteria in REACH Annex XIII.

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