

## SAFETY DATA SHEET

In accordance with Annex II of Regulations (EC) 1907/2006 as amended by Regulation (EU) 830/2015

### 1 IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

#### 1.1 Product identifier

Product Name: Klenz

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against Identified uses:

**Hygiene Hand Soap** - For professional use only

#### Uses advised against:

Uses other than those identified are not recommended

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

Company Name: Gannon Chemicals Ltd  
Ballindine, Claremorris  
Co. Mayo, Ireland  
Email address of SDS author: paul@gannonchemicals.ie

#### 1.4 Emergency Telephone Number

Members of Public: +353 (1) 809 2166. (8.00 a.m. to 10.00 p.m. 7 days a week)  
Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

### 2 HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Eye Irritation (Category 2A), H319  
For the full text of the H-Statements mentioned in this Section, see below.

#### 2.2 Label elements

Labelling according Regulation (EC) No 1272/2008  
Pictogram



Signal word: Warning

#### Hazard statement(s)

H319 - Causes serious eye Irritation.

#### Precautionary statement(s)

P280 - Wear eye or face protection.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.  
P310 Immediately call a POISON CENTER or doctor/physician.

Supplemental Hazard: None

### 2.3 Other hazards

No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Product/Ingredient Name	CAS No.	Weight %	EC Number	Regulation (EC) No 1272/2008 [CLP]
Sodium alkyl C10-16 ether sulfate	68585-34-2	1 - 5	500-223-8	Eye Dam. 1: H318 Skin Irrit. 2: H315
Cocamidopropyl Betaine	61789-40-0	1 - 5	263-058-8	Eye Dam. 2: H319 Skin Irrit. 2: H315
PEG-7 Glyceryl Cocoate	68201-46-7	1 - 5	614-376-4	Not Classified
Glycerine	56-81-5	1 - 5	200-289-5	Not Classified
Sodium Chloride	7647-14-5	1 - 5	231-598-3	Not Classified

## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

- |       |                                    |   |
|-------|------------------------------------|---|
| 4.1.1 | General Information                | Immediately remove contaminated clothing.   |
| 4.1.2 | Following Inhalation               | Seek medical attention.   |
| 4.1.3 | following skin contact             | Rinse with water.   |
| 4.1.4 | Following Eye Contact              | Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. |
| 4.1.5 | Following Ingestion                | Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.                               |
| 4.1.6 | Self-protection of the first aider |   |

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

Symptoms: Eye irritation.

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

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

## 5 FIRE FIGHTING MEASURES

### 5.1 Extinguishing media:

Not flammable. In case of fire use extinguishing media (Carbon dioxide. Dry powder. Water spray jet), appropriate to surrounding conditions. Fight larger fires with water spray jet or alcohol-resistant foam.

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

No special hazards known. However, as smoke from fires is irritating. Take precautions to protect personnel from exposure.

### 5.3 Advice for fire-fighters

As in any fire, wear self-contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

### 5.4 Additional information

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

## 6 ACCIDENTAL RELEASE MEASURES

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

Use personal protective clothing. Information regarding personal protective measures see, chapter 8.

### 6.2 Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

### 6.4 Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

## 7 HANDLING AND STORAGE

<b>7.1</b>	Precautions for safe handling	Ensure there is sufficient ventilation of the area.
<b>7.2</b>	Conditions for safe storage, including any incompatibilities	Store at normal room temperature and keep container tightly closed. Keep out of reach of children. No special precautions necessary for protection against fire and explosion. Store away from strong acids.
<b>7.3</b>	Precautions for safe handling	For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1. Control parameters

Components with workplace control parameters

### 8.2. Exposure controls

*The following information applies for the uses indicated in subsection 1.2.*

*If available, please refer to the product information sheet for application and handling instructions.*

#### Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

Covering activities such as filling and transfer of product to application equipment, flasks or buckets

**Appropriate engineering controls:** No special requirements under normal use conditions.

**Appropriate organisational controls:** Avoid direct contact and/or splashes where possible. Train personnel.

Personal protective equipment

**Eye / face protection:** Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product.

**Hand protection:** Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.

**Body protection:** No special requirements under normal use conditions.

**Respiratory protection:** No special requirements under normal use conditions.

**Environmental exposure controls:** No special requirements under normal use conditions.

**9 PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

(a)	Form	Liquid
(b)	Colour	Green
(c)	Odour	Detergent
(d)	pH value(1% solution)	6.5
(e)	Melting point/range (°C):	Not Determined
(f)	Initial boiling point/range (°C):	Not Determined
(g)	Decomposition temperature (°C)	Not Determined
(h)	Flash point (°C):	Not Determined
(i)	Ignition temperature (°C)	Not Determined
(j)	Vapour pressure (hPa) at ...°C)	Not Determined
(k)	Vapour density (air=1)	Not Determined
(l)	Density (g/cm <sup>3</sup> ) at 20°C	1.03
(m)	Bulk density (kg/m <sup>3</sup> )	Not Determined
(n)	Water solubility (20°C in g/l)	Completely
(o)	Solubility(ies):	Not Determined
(p)	Partition coefficient	Not Determined
(q)	Viscosity, dynamic (mPa s):	Not Determined

**9.2 Other information**

Incompatible with strong acids

**10 STABILITY AND REACTIVITY****10.1 Reactivity**

No hazardous reactions if stored and handled as prescribed/indicated.

**10.2 Chemical stability**

The product is stable if stored and handled as prescribed/indicated.

**10.3 Possibility of hazardous reactions**

No hazardous reactions when stored and handled according to instructions.

**10.4 Conditions to avoid**

See MSDS section 7 - Handling and storage.

**10.5 Incompatible materials**

Substances to avoid: Halogens, Acids, Reactive Chemicals

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**11 TOXICOLOGICAL INFORMATION****11.2.2 Mixtures**

No test data is available on the mixture.

Substance data, where relevant and available, are listed below

Substance	Acute toxicity	Skin corrosion/irritation	Serious eye damage/eye irritation	Respiratory or skin sensitisation
Sodium alkylethersulphate (Polymer)	Dermal LD50 Rabbit > 2000 mg/kg Oral	Causes skin irritation	Causes serious eye damage.	This product is not expected to cause skin sensitization.

	LD50 Rat > 2000 mg/kg			
Cocamidopropyl Betaine	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat 2335 mg/kg	Causes skin irritation	Causes serious eye damage.	This product is not expected to cause skin sensitization.

#### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

## 12 ECOLOGICAL INFORMATION

Substance	Toxicity	Persistence and Degradability	Bioaccumulative potential	Mobility in soil
Sodium alkylethersulphate (Polymer)	LC50 Fish 2.3 mg/l, 96 hours EC50 Water flea (Ceriodaphnia dubia) 2.33 - 4.81 mg/l, 48 hours	Elimination information: >= 90 % Bismuth-active substance. Readily biodegradable	No Data Available	No Data Available
Cocamidopropyl Betaine	EC50 Algae 2.14 mg/l, 72 hours EC50 Daphnia 1.9 mg/l, 48 hours LC50 Fish 1.75 - 10 mg/l, 96 hours	Readily biodegradable.	No Data Available	No Data Available

#### Results of PBT and vPvB assessment

The product does not fulfil the criteria for PBT (Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

## 13 DISPOSAL

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991 and is not classified as special waste under the Control of Substances (Special Waste) Regulations 1996, but is classified as controlled waste under the Environmental Protection Act 1990. For small quantities, dilute with water to at least 2.5% w/v (25 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste. For larger quantities dispose of safely as commercial waste.

## 14 TRANSPORT INFORMATION

#### ADR, RID, ADN, IMO/IMDG, ICAO/IATA

- 14.1 UN number: Non-dangerous goods
- 14.2 UN proper shipping name: Non-dangerous goods
- 14.3 Transport hazard class(es): Non-dangerous goods
- 14.4 Packing group: Non-dangerous goods
- 14.5 Environmental hazards: Non-dangerous goods
- 14.6 Special precautions for user: Non-dangerous goods

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** The product is not transported in bulk tankers.

<b>15</b>	<b>REGULATORY INFORMATION</b>
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**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

**Ingredients according to EC Detergents Regulation 648/2004**

Anionic surfactants 1 - 5%

**15.2 Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

<b>16</b>	<b>OTHER INFORMATION</b>
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This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

**Classification procedure**

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

**Abbreviations and acronyms:**

- STOT - Specific Target Organ Toxicity
- DNEL - Derived No Effect Limit
- EUH - CLP Specific hazard statement
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative
- ATE - Acute Toxicity Estimate

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