

## KLENZAID

### Section 1. Identification

**Product name** : KLENZAID  
**Other means of identification** : -  
**Recommended use of the chemical** : Foam additive

**Product dilution information** : up to 0.2%v/v in water

**Supplier's details** : Ecolab Ltd  
 2 Daniel Place, Te Rapa, Hamilton, New Zealand  
 Customer Service Phone +64 7 958 2319  
 Fax number +64 7 958 2361

**Emergency telephone number** : 0800 243 622 (0800 CHEMCALL)

**Date of issue** : 02 NOVEMBER 2021

### Section 2. Hazards identification

**Product AS SOLD**  
**HSNO Classification** : 6.3 - SKIN IRRITATION - Category A  
 6.4 - EYE IRRITATION - Category A (Irritant)  
 9.1 - AQUATIC ECOTOXICITY - Category B

#### Product AT USE DILUTION

Not classified.

#### Product AS SOLD

This material is classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 and has been classified according to the Hazardous Substances (Classifications) Regulations 2001.

This material is not classified as a dangerous good according to criteria in New Zealand Standard 5433:2007 Transport of Dangerous Goods on Land.

#### GHS label elements

**Product AS SOLD**

**Signal word** : Warning

**Hazard statements** : Causes skin irritation.  
 Causes serious eye irritation.  
 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

**Prevention** : Wear protective gloves. Wear eye or face protection. Avoid release to the environment. Wash thoroughly after handling.

**Response** : Collect spillage. IF ON SKIN: Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Wash hands after handling.

**Storage** : Not applicable.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

#### Product AT USE DILUTION

No signal word.

No known significant effects or critical hazards.

Read label before use. Keep out of reach of children. If medical advice is needed: Have product container or label at hand.

Not applicable.

Not applicable.

Not applicable.

**Symbol** :



### Section 3. Composition/information on ingredients

#### Product AS SOLD

Ingredient name	%	CAS number
alcohols, c12-15, ethoxylated	5 - 20	68131-39-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

#### Product AT USE DILUTION

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### Section 4. First-aid measures

#### Description of necessary first aid measures

	Product AS SOLD	Product AT USE DILUTION
<b>Inhalation</b>	: If inhaled, remove to fresh air.	If inhaled, remove to fresh air.
<b>Ingestion</b>	: Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.	Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.
<b>Skin contact</b>	: In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation occurs. Wash clothing before reuse.	In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation occurs. Wash clothing before reuse.
<b>Eye contact</b>	: In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation occurs.	In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation occurs.
<b>Notes to physician</b>	: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.	

See toxicological information (Section 11)

### Section 5. Fire-fighting measures

#### Extinguishing media

<b>Suitable</b>	: Use water spray, fog or foam.
<b>Specific hazards arising from the chemical</b>	: In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide
<b>Special precautions for fire-fighters</b>	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
<b>Special protective equipment for fire-fighters</b>	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6. Accidental release measures

	Product AS SOLD	Product AT USE DILUTION
<b>Personal precautions, protective equipment and emergency procedures</b>	: Use suitable protective equipment (section 8). Do not allow to enter drains or watercourses.	Use suitable protective equipment (section 8). Do not allow to enter drains or watercourses.
<b>Environmental precautions</b>	: May be harmful to the environment if released in large quantities. Do not allow to enter drains or watercourses. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## Section 6. Accidental release measures

### Methods and materials for containment and cleaning up

<p><b>Small spill:</b></p>	<p>: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.</p>	<p>Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.</p>
<p><b>Large spill</b></p>	<p>: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see section 1 for emergency contact information and section 13 for waste disposal.</p>	

## Section 7. Handling and storage

<p><b>Precautions for safe handling</b></p>	<p><b>Product AS SOLD</b></p> <p>: Wash thoroughly after handling.</p>	<p><b>Product AT USE DILUTION</b></p> <p>Wash thoroughly after handling.</p>
<p><b>Conditions for safe storage, including any incompatibilities</b></p>	<p>: Keep out of reach of children. Keep container tightly closed. Keep container in a cool, well-ventilated area.</p> <p>Store between the following temperatures: 0 and 30°C</p>	

## Section 8. Exposure controls/personal protection

### Control parameters

<p><b>Appropriate engineering controls</b></p>	<p><b>Product AS SOLD</b></p> <p>: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.</p>	<p><b>Product AT USE DILUTION</b></p> <p>Good general ventilation should be sufficient to control worker exposure to airborne contaminants.</p>
<p><b>Individual protection measures</b></p>		
<p><b>Respiratory protection</b></p>	<p>: A respirator is not needed under normal and intended conditions of product use.</p>	<p>A respirator is not needed under normal and intended conditions of product use.</p>
<p><b>Hand protection</b></p>	<p>: Recommended: Impervious gloves.</p>	<p>No protective equipment is needed under normal use conditions.</p>
<p><b>Eye protection</b></p>	<p>: Recommended: Safety glasses.</p>	<p>No protective equipment is needed under normal use conditions.</p>
<p><b>Skin protection</b></p>	<p>: No protective equipment is needed under normal use conditions.</p>	<p>No protective equipment is needed under normal use conditions.</p>
<p><b>Hygiene measures</b></p>	<p>: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.</p>	

## Section 9. Physical and chemical properties

	Product AS SOLD
Physical state	: Liquid.
Colour	: Colourless.
Odour	: Odourless
pH	: 6 to 8 (100%)
Flash point	Product does not support combustion.
Boiling point	: Not available.
Vapour pressure	: Not available.
Vapour density	: Not available.
Relative density	: 1 to 1.02
Solubility	: Easily soluble in the following materials: cold water and hot water.

Product AT USE DILUTION
Liquid.
Colourless. [Light]
Odourless
6 to 8
Product does not support combustion.

## Section 10. Stability and reactivity

Chemical stability	: The product is stable.
Conditions to avoid	: No specific data.
Incompatible materials	: Not available.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on the likely routes of exposure

	Product AS SOLD
Inhalation	: No known significant effects or critical hazards.
Ingestion	: Irritating to mouth, throat and stomach.
Skin contact	: Causes skin irritation.
Eye contact	: Causes serious eye irritation.

Product AT USE DILUTION
No known significant effects or critical hazards.
No known significant effects or critical hazards.
No known significant effects or critical hazards.
No known significant effects or critical hazards.

### Product AS SOLD

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
alcohols, c12-15, ethoxylated	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	1642 mg/kg	-

#### Potential chronic health effects

Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

## Section 12. Ecological information

	Product AS SOLD
Ecotoxicity	: This material is toxic to aquatic life with long lasting effects.

Product AT USE DILUTION
No known significant effects or critical hazards.

### Product AS SOLD

#### Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
alcohols, c12-15, ethoxylated	Acute EC50 1.3 mg/L	Daphnia	48 hours
	Acute LC50 1.03 mg/L	Fish	96 hours

#### Persistence/degradability

Not available.

#### Mobility in soil

## Section 12. Ecological information

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

## Section 13. Disposal considerations

### Disposal methods

#### Product AS SOLD

: The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

#### Product AT USE DILUTION

The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

### Product AS SOLD

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Regulatory information	UN number	Proper shipping name	Classes	PG*	Additional information
New Zealand Class NZS 5433	Not regulated.	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-

PG\* : Packing group

Special Safety Measures and Conditions: During transport, avoid direct sunlight, container damage, corrosion, loading to ensure that all work will be done to ensure the prevention of collapse of cargo.

See shipping documents for specific transportation information.

### Product AT USE DILUTION

Not intended for transport.

## Section 15. Regulatory information

### Product AS SOLD

**HSNO Approval Number** : HSR002530  
**HSNO Group Standard** : Cleaning Products (Subsidiary Hazard) Group Standard 2006  
**HSNO Classification** : 6.3 - SKIN IRRITATION - Category A  
 6.4 - EYE IRRITATION - Category A (Irritant)  
 9.1 - AQUATIC ECOTOXICITY - Category B

**New Zealand Inventory of Chemicals (NZIoC)** : All components are listed or exempted.

**Safety, health and environmental regulations specific for the product** : Hazardous Substance Location trigger quantity : N/A  
 Approved Handler trigger quantity : N/A  
 Secondary containment trigger quantity : 1,000L  
 Signage trigger quantity : 1,000 L  
 Emergency Response Plan trigger quantity: 1,000 L  
 The trigger quantities above must take into account any other hazardous substance that is present at that location.

### Product AT USE DILUTION

Not classified.

## Section 16. Other information

### History

**Date of previous issue** : 02 NOVEMBER 2016

**Version** : 3

**Prepared by** : Regulatory Affairs

**References** : NZS 5433:2007 Transport of Dangerous Goods on Land  
Land Transport (Dangerous Goods) Rule 45001:2005  
Hazardous Substances Regulations 2001:  
- Minimum Degrees of Hazard  
- Classification  
- Classes 1 to 5 Controls  
- Classes 6, 8 and 9 Controls  
- Packaging Regulations  
- Identification Regulations  
- Disposal Regulations  
- Emergency Management  
Health and Safety in Employment Regulations 1995  
User Guide to the HSNO Thresholds and Classifications  
OSH Workplace Exposure Standards January 2002  
NZCIC Approved Code of Practice – Preparation of Safety Data Sheets  
Signage for premises storing hazardous substances and dangerous goods

▣ Indicates information that has changed from previously issued version.

### Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, **NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.**