



SAFETY DATA SHEET

QUARESS PREMO 55

Section: 1. IDENTIFICATION

Product name : QUARESS PREMO 55

Other means of identification : Not applicable.

Recommended use : Teat dip

Restrictions on use : Reserved for industrial and professional use.

Product dilution information : Product is sold ready to use.

Company : Ecolab Co.
5105 Tomken Road
Mississauga, Ontario Canada L4W 2X5
1-800-352-5326

Emergency health information : 1-800-328-0026 (US/Canada), 1-651-222-5352 (outside US)

Issuing date : 12/17/2024

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Precautionary Statements : **Prevention:**
Wash hands thoroughly after handling.
Response:
Get medical advice/ attention if you feel unwell.
Storage:
Store in accordance with local regulations.

Other hazards : None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

Actual concentration or concentration range is withheld as a trade secret

| Chemical Name | CAS-No. | Concentration: (%) |
|--|------------|--------------------|
| glycerin | 56-81-5 | 1 - 5 |
| Propylene glycol | 57-55-6 | 1 - 5 |
| Alkyl alcohol ethoxylated iodine complex | 68439-47-4 | 0.5 |

Section: 4. FIRST AID MEASURES

In case of eye contact : Rinse with plenty of water.

In case of skin contact : Rinse with water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : Get medical attention if symptoms occur.

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| | |
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| Protection of first-aiders | : No special precautions are necessary for first aid responders. |
| Notes to physician | : No specific measures identified. |
| Most important symptoms and effects, both acute and delayed | : See Section 11 for more detailed information on health effects and symptoms. |

Section: 5. FIREFIGHTING MEASURES

| | |
|---|---|
| Suitable extinguishing media | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable extinguishing media | : None known. |
| Specific hazards during firefighting | : Not flammable or combustible. |
| Hazardous combustion products | : Decomposition products may include the following materials: Carbon oxides |
| Special protective equipment and precautions for firefighters | : Use personal protective equipment. |
| Specific extinguishing methods | : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Risk of explosion. | : Not available. |

Section: 6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| Personal precautions, protective equipment and emergency procedures | : Refer to protective measures listed in sections 7 and 8. |
| Environmental precautions | : No special environmental precautions required. |
| Methods and materials for containment and cleaning up | : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. |

Section: 7. HANDLING AND STORAGE

| | |
|-----------------------------|--|
| Advice on safe handling | : Wash hands after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE). For personal protection see section 8. |
| Conditions for safe storage | : Keep out of reach of children. Store in suitable labeled containers. |
| Storage temperature | : 0 °C to 50 °C |

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Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

| Components | CAS-No. | Form of exposure | Permissible concentration | Basis |
|------------------|---------|---------------------------|---------------------------|------------|
| glycerin | 56-81-5 | TWA (Mist) | 10 mg/m3 | CAD AB OEL |
| | | TWA (Mist) | 10 mg/m3 | CAD BC OEL |
| | | VME (Mist) | 10 mg/m3 | OEL (QUE) |
| glycerin | 56-81-5 | TWA | 10 mg/m3 | ACGIH |
| | | TWA (respirable fraction) | 5 mg/m3 | OSHA Z1 |
| Propylene glycol | 57-55-6 | TWA (Vapour and aerosols) | 50 ppm 155 mg/m3 | CA ON OEL |
| | | TWA (Aerosol.) | 10 mg/m3 | CA ON OEL |
| Propylene glycol | 57-55-6 | TWA | 10 mg/m3 | AIHA WEEL |

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

| | |
|------------------------|--|
| Eye protection | : No special protective equipment required. |
| Hand protection | : No special protective equipment required. |
| Skin protection | : No special protective equipment required. |
| Respiratory protection | : No personal respiratory protective equipment normally required. |
| Hygiene measures | : Wash hands before breaks and immediately after handling the product. |

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|---|
| Physical State | : liquid |
| Colour | : opaque, dark brown |
| Odour | : iodine |
| pH | : 3.5 - 4.1, (100 %) |
| Flash point | : Not applicable., Does not sustain combustion. |
| Melting point/freezing point | : no data available |
| Boiling point, initial boiling point and boiling range | : no data available |
| Flammability | : Not applicable. |
| Upper explosion limit | : no data available |
| Lower explosion limit | : no data available |
| Vapour pressure | : no data available |
| Relative vapour density | : no data available |

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| | | |
|--|---|----------------------------------|
| Relative density | : | 1.012 |
| Density | : | no data available |
| Water solubility | : | soluble |
| Solubility in other solvents | : | no data available |
| Partition coefficient: n-octanol/water (logarithmic value) | : | no data available |
| Auto-ignition temperature | : | no data available |
| Decomposition temperature | : | no data available |
| Viscosity, kinematic | : | 5.000 mm ² /s (40 °C) |
| Explosive properties | : | no data available |
| Oxidizing properties | : | Yes |
| Molecular weight | : | no data available |
| VOC | : | no data available |
| Particle characteristics | : | no data available |

Section: 10. STABILITY AND REACTIVITY

| | | |
|------------------------------------|---|---|
| Reactivity | : | No dangerous reaction known under conditions of normal use. |
| Chemical stability | : | Stable under normal conditions. |
| Possibility of hazardous reactions | : | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | : | None known. |
| Incompatible materials | : | Acids and bases |
| Hazardous decomposition products | : | In the event of fire, see Section 5 |

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

Potential Health Effects

| | | |
|------------------|---|---|
| Eyes | : | Health injuries are not known or expected under normal use. |
| Skin | : | Health injuries are not known or expected under normal use. |
| Ingestion | : | Health injuries are not known or expected under normal use. |
| Inhalation | : | Health injuries are not known or expected under normal use. |
| Chronic Exposure | : | Health injuries are not known or expected under normal use. |

Experience with human exposure

Eye contact : No symptoms known or expected.

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Skin contact : No symptoms known or expected.

Ingestion : No symptoms known or expected.

Inhalation : No symptoms known or expected.

Toxicity

Product

Acute oral toxicity : no data available

Acute inhalation toxicity : no data available

Acute dermal toxicity : no data available

Skin corrosion/irritation : no data available

Serious eye damage/eye irritation : no data available

Respiratory or skin sensitization : no data available

Carcinogenicity : no data available

Reproductive effects : no data available

Germ cell mutagenicity : no data available

Teratogenicity : no data available

STOT - single exposure : no data available

STOT - repeated exposure : no data available

Aspiration toxicity : no data available

Components

Acute oral toxicity : glycerin
LD50 rat: 18,300 mg/kg

Propylene glycol
LD50 rat: 22,000 mg/kg

Components

Acute inhalation toxicity : Propylene glycol
4 h LC50 rabbit: 158.5 mg/l/Test atmosphere: dust/mist

Components

Acute dermal toxicity : glycerin
LD50 rabbit: 23,000 mg/kg

Section: 12. ECOLOGICAL INFORMATION

Toxicity

Environmental Effects : Harmful to aquatic life.

Product

Toxicity to fish : no data available

Toxicity to daphnia and other : no data available

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aquatic invertebrates

Toxicity to algae : no data available

Components

Toxicity to fish : glycerin
96 h LC50 Fish: 855 mg/l

Propylene glycol
96 h LC50 Fish: > 10,000 mg/l

Components

Toxicity to daphnia and other
aquatic invertebrates : Propylene glycol
48 h EC50 Aquatic Invertebrate: 18,340 mg/l

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Other adverse effects

no data available

Section: 13. DISPOSAL CONSIDERATIONS

Disposal methods : Do not contaminate ponds, waterways or ditches with chemical or used container. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of contents/container in accordance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers. Dispose of in accordance with local, state, and federal regulations.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (TDG)

Not dangerous goods

Sea transport (IMDG/IMO)

Not dangerous goods

Section: 15. REGULATORY INFORMATION

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This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR.

**Drug Identification Number : 2538067
(DIN)**

The components of this product are reported in the following inventories:

United States TSCA Inventory :

All substances listed as active on the TSCA inventory

Canadian Domestic Substances List (DSL) :

All components of this product are on the Canadian DSL.

Australia. Australian Industrial Chemicals Introduction Scheme (AICIS) :
not determined

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand :
not determined

Japan. ENCS - Existing and New Chemical Substances Inventory :
not determined

Korea. Korean Existing Chemicals Inventory (KECI) :
On the inventory, or in compliance with the inventory

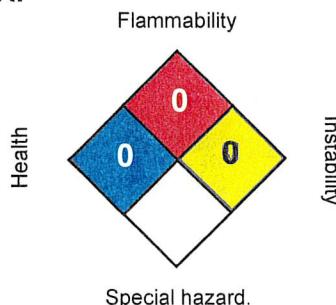
Philippines Inventory of Chemicals and Chemical Substances (PICCS) :
not determined

China Inventory of Existing Chemical Substances :
not determined

Taiwan Chemical Substance Inventory :
not determined

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

| | |
|-----------------|---|
| HEALTH | 0 |
| FLAMMABILITY | 0 |
| PHYSICAL HAZARD | 0 |

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Issuing date : 12/17/2024
Version : 1.1
Prepared by : Regulatory Affairs 1-800-352-5326

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

SAFETY DATA SHEET**QUARESS PREMO 55**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.