

Material Safety Data Sheet

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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **Eimað Vatn**
Supplier: **Mjöll Frigg hf.**
Norðurhella 10
221 Hafnarfjörður
Tel: 512 3000
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2. HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

NONE when compound is in the pure state.**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Components	CAS Number	Proportion	Risk Phrases
Dihydrogen Monoxide	7732-18-5	100%	

4. FIRST AID MEASURES**Inhalation**Acute over exposure: *Inhalation can result in asphyxiation and is often fatal.*Chronic overexposure: *Chronic inhalation overexposure not encountered.***Skin Contact**Acute overexposure: *Prolonged but constant contact with liquid may cause a mild dermatitis.*Chronic overexposure: *Mild to severe dermatitis.***Skin Absorption**Acute overexposure: *No effects noted.*Chronic overexposure: *No effects noted.***Eye Contact**Acute overexposure: *No effects noted.*Chronic overexposure: *No effects noted.***Ingestion**Acute overexposure: *Excessive ingestion of liquid form can cause gastric distress and mild diarrhea.*Chronic overexposure: *No effects noted.***Emergency and First Aid Procedures**Eyes: *None*Skin: *None*Inhalation: *Remove to fresh air; Provide artificial respiration; Provide oxygen.*Ingestion: *None*

Notes to Physician: *None*

5. FIRE FIGHTING MEASURES

Hazards from combustion products: Non-combustible material.

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled:

Small quantities can be mopped or wiped up with rags.

Large quantities should be directed to collecting basin or drain with dikes or swabs.

Neutralizing chemicals

None required.

Waste disposal method:

Process contaminated material through treatment plant prior to discharge into environment. Discharge permit may be required.

7. HANDLING AND STORAGE

Conditions for safe storage: Keep the product in its original packaging, sealed and removed materials that it can react with (see paragraph 10). Shelf life is one year from date of manufacture. Preferably, the storage temperature is 10-20 ° C. Freezing the product will not diminish its quality.

Precautions for safe handling: Avoid skin and eye contact when frozen and breathing in hot vapour, mists and aerosols. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

Ventilation requirements:

Remove hot vapor from environment using local exhaust systems.

Specific personal protective equipment:

Respiratory: *None required.*

Eyes: *Goggles or full face splash shield when dealing with hot liquid.*

Hands: *Use insulating gloves when extensive exposure to solid state or high temperature liquid state is contemplated.*

Other clothing and equipment: *Use heat protective garment when exposed to large quantities of heated vapor.*

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling point (760 mm Hg): 100°C (212F)

Melting point: 0°C (32F)

Specific gravity (H₂O = 1):1

Vapor pressure – 100°C (212F) 760 mm Hg

- 0°C (32F) 17.5 mm Hg

Solubility in water (% by wt.): 100%

% Volatiles by volume: 100%

Evap. rate (Butyl acetate = 1): Not available

Appearance and Odor: Clear liquid; No odor

10. STABILITY AND REACTIVITY

Precautionary statements:

Compound readily exists in all three phases at atmospheric pressure. Phase changes occur over a narrow (100°C/212°F) temperature range.

Compound is known as "the universal solvent" and does dissolve, at least to some extent, most common materials.

Compound will conduct electricity when dissolved ionic solutes are present.

Other handling and storage requirements:

A high pressure containment vessel should be used for the vapor at high temperatures.

Do not allow filled, closed containers to solidify as compound expands upon freezing

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Inhalation

Acute over exposure: *Inhalation can result in asphyxiation and is often fatal.*

Chronic overexposure: *Chronic inhalation overexposure not encountered.*

Skin Contact

Acute overexposure: *Prolonged but constant contact with liquid may cause a mild dermatitis.*

Chronic overexposure: *Mild to severe dermatitis.*

Skin Absorption

Acute overexposure: *No effects noted.*

Chronic overexposure: *No effects noted.*

Eye Contact

Acute overexposure: *No effects noted.*

Chronic overexposure: *No effects noted.*

Ingestion

Acute overexposure: *Excessive ingestion of liquid form can cause gastric distress and mild diarrhea.*

Chronic overexposure: *No effects noted.*

12. ECOLOGICAL INFORMATION

General: None of the materials used in the product is classified as dangerous for the environment.

Toxicity in water: NONE.

Persistence: NONE

13. DISPOSAL CONSIDERATIONS

Disposal methods:

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered.

14. TRANSPORT INFORMATION

Road and Rail Transport

NONE

15. REGULATORY INFORMATION

NONE

16. OTHER INFORMATION

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Þessar öryggisleiðbeiningar eru samdar með það í huga að koma á framfæri heilsu-, öryggis- og umhverfisupplýsingum er lúta að meðhöndlun og notkun vörunnar.

Þær upplýsingar sem fram koma eru byggðar á gögnum sem framleiðandi telur áreiðanleg. Sum þessara gagna eru látin í té af hráefnaframleiðendum og því getur framleiðandi ekki ábyrgst að þau séu í alla staði rétt.

Framleiðandi getur ekki stjórnað eða haft vitneskju um aðstæður og aðferðir við meðhöndlun, geymslu, notkun eða förgun vörunnar eftir að hún hefur verið seld kaupanda. Af þessum ástæðum tekur framleiðandi ekki ábyrgð á slysum eða öðru tjóni sem rekja má til eða er á einhvern annan hátt tengt meðhöndlun, geymslu eða notkun vörunnar.

Þessar öryggisleiðbeiningar voru einungis samdar fyrir þessa tilteknu vöru og því á einungis að nota þær í því sambandi. Sé efnið blönduð öðrum efnum eða hún notuð sem hluti af annarri vöru er mögulegt að þessar öryggisleiðbeiningar séu ekki lengur viðeigandi.