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MSDS

Trade name: MYS QUICK-100

1 - Identification of substance

Product details

Tradename : QUICK-100

MSDS ID Number : UGN0014

Identification of product: Liquid

Type of product : Accelerator for Sprayed Concrete

Use : Industrial

Manufacturer/Supplier :

MYS CHEMICAL

Phone: +90 212 215 52 62

2 - Composition/Data on components

Chemical hazardous characterization

Hazardous component(s): Non-hazardous ingredients to 100%

CAS Number Content (W/W) Hazardous ingredients

1302-91-6 >= 50% ALUNIT

111-42-2 <= 1.0% DIETHANOLAMINE

3 - Hazards identification

IRRITANT.

MODERATELY TO SEVERELY IRRITATING TO THE EYE.

May cause skin irritation.

May cause respiratory irritation.

Avoid contact with the skin, eyes and clothing.

Wash thoroughly after handling.

Keep container tightly closed.

State of matter: liquid

Color: white to beige

Odor: characteristic

Potential health effects

Acute toxicity:

Virtually nontoxic after a single ingestion.

Irritation / corrosion:

May cause severe damage to the eyes. The product has not been tested. The statement has been derived from

the properties of the individual components.

Sensitization:

No sensitizing effect.

Chronic toxicity:

Genotoxicity: The chemical structure does not suggest such an effect.

Signs and symptoms of overexposure:

Eye irritation

Potential environmental effects

Aquatic toxicity:

At the present state of knowledge, no negative ecological effects are expected.

Degradation / environmental fate:

Not applicable for inorganic substances.

Bioaccumulation / bioconcentration:

The product has not been tested. The statement has been derived from the properties of the individual components.

4 - First aid measures

General advice:

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

If on skin:

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed:

Rinse mouth immediately with water. Seek medical attention if necessary. Do not induce vomiting unless told to by a poison control center or doctor.

5- Fire fighting measures

Suitable extinguishing agents:

foam, water spray, dry powder, carbon dioxide.

Special Risk:

Specific Hazard(s): Emits toxic fumes under fire conditions.

Special protective equipment for fire-fighters:

carbon monoxide, carbon dioxide, harmful vapors, nitrogen oxides, fumes/smoke, carbon black

6 - Accidental release measures

Personal precaution procedures to be followed in case of leak or spill: Evacuate area.

Procedure(s) of personal precaution(s): Use personal protective clothing. Do not breathe vapor/aerosol/spray mists. Handle in accordance with good building materials hygiene and safety practice.

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

Cleanup:

For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.

For large amounts: Pump off product..

7 - Handling and Storage

Handling

General advice:

Avoid aerosol formation. Avoid inhalation of mists/vapors. Avoid skin contact. No special measures necessary

provided product is used correctly.

Protection against fire and explosion:

The product does not contribute to the spreading of flames, nor is it self-combustible, not explosive.

Storage

General advice:

Containers should be stored tightly sealed in a dry place. Keep away from heat. Protect against moisture. Store

protected against freezing. Keep only in the original container.

Storage incompatibility:

General advice: Segregate from metals. Segregate from bases. Segregate from oxidants. Segregate from foods and animal feeds.

Temperature tolerance

Protect from temperatures below: 0 °C

The packed product must be protected from temperatures below the indicated one.

8 - Exposure controls and personal protection

Engineering controls: Safety shower and eye bath. Use only in a chemical fume hood.

General hygiene measures: Wash contaminated clothing before reuse. Discard contaminated shoes. Wash thoroughly after handling.

Personal protective equipment:

Respiratory protection:

Wear the following respiratory protection if exposure limits may be exceeded: Wear a NIOSH-certified (or equivalent) organic vapour respirator.

Hand protection:

Wear chemical resistant protective gloves., Suitable materials may include, butyl rubber, fluor elastomer (Viton)

Eye protection:

Wear face shield or tightly fitting safety goggles (chemical goggles) if splashing hazard exists.

9 - Physical and chemical properties

General Information

Form: Suspension

Color: White to beige

Odor: Characteristic

Density: 1.43

10 - Stability and reactivity

Conditions to avoid:

Avoid extreme temperatures.

Substances to avoid:

base metal alloys, base metals, strong bases

Hazardous reactions:

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

Explosion hazard when product reacts with metals and forms hydrogen. Reacts with base metals, with evolution of hydrogen.

Decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

11 - Ecological information

Fish

Acute:

Fish/LC50 (96 h): > 100 mg/l

Other adverse effects:

According to experience, the material has no harmful effect on the environment. Do not discharge substance/product into sewer system. Do not release untreated into natural waters.



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Material Safety Data Sheet

12 - Disposal consideration

Waste disposal of substance:

Recommendations: Use excess product in an alternate beneficial application. Dispose of in accordance with local authority regulations. Do not discharge into drains/surface waters/groundwater.

Container disposal:

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

13 - Toxicological Information

Acute toxicity

Oral:

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg

Irritation / corrosion

Information on: 2,2'-iminodiethanol

Assessment of irritating effects:

14 - Regulatory information

Federal Regulations

Registration status:

Chemical DSL, CA released; restriction on quantity / not listed

WHMIS classification: D2B: Materials Causing Other Toxic Effects - Toxic material

15 - Transport information

RID/ADR

Non-Hazardous for road transport.

IMDG

Non-hazardous for sea transport.

IATA

Non-hazardous for air transport.

16 - Other information

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.