



# Q-Coat CONCRETE SURFACE RETARDER

**Product Not Considered Hazardous According to Worksafe Australia**

**Product: Synergy Concrete Surface Retarder** Review Date: 10 /1 /2023

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMMERCIAL PRODUCT NAME Sodium Salt Solution

COMPANY/SUPPLIER; Synergy Pigments

P.O. Box 322. Welshpool 6986 WA

Ph.1300 655 853

email :info@oxide.com.au

web site www.oxide.com.au

**24 Hour Emergency Phone Number :** For a poison emergency in Australia call 13 11 26

PRODUCT USE : Concrete Retarder for exposed aggregate

## 2. HAZARDS IDENTIFICATION

Emergency Overview Liquid- red liquid with a slightly pleasant odour, soluble in water, considered non-toxic.

Most important Hazard None

Inhalation No data available

Eye contact No data available

Skin contact No data available

Ingestion No data available

Chronic No data available

Carcinogen status None

## 3. COMPOSITION, INFORMATION ON INGREDIENTS

Not considered a dangerous good.

CHEMICAL NAME OF THE MATERIAL Sodium Salt

CHEMICAL FAMILY salt of organic acid

HAZARDOUS IMPURITIES None

BIOCIDES: <.1% 15ppm USA FDA21CFR-176.170 (2)

## 4. FIRST AID MEASURES

No hazards which require special first aid measures

General advice: If you feel unwell, seek medical advice.

Inhalation Move to fresh air. If symptoms persist, call a physician.

Skin contact Wash off with soap and plenty of water. If skin irritation persists, call a physician.

Eye contact Flush eyes with water as a precaution. If eye irritation persists, consult a specialist.

Ingestion Drink water as a precaution. Consult a physician if necessary

Protection of first-aiders.: No hazards which require special first aid measures

## 5. FIRE FIGHTING MEASURES

FLASH POINT Not Applicable

FLAMMABLE LIMITS Not available

Auto ignition temperature : Not applicable

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions Use personal protective equipment.

Environmental precautions Dispose according to federal, state and local authorities.

Methods for cleaning up: Bund to stop entering drains and waterways. Use a suitable absorbent material- Sweep up and shovel into a suitable container and dispose of according to local regulations.

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## 7. HANDLING AND STORAGE

### HANDLING

Technical measures/Precautions No special technical protective measures required.

Safe handling advice No special handling advice required.

### STORAGE

Technical measures/Storage conditions Keep tightly closed in a dry and cool place.

Incompatible products No special restrictions on storage with other products.

Packaging material Store in original container.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering measures Provide general dilute ventilation.

Exposure limit(s) None established for this ingredient,  
use OSHA PEL, ACGIH TLV for Nuisance dusts of 5 mg/ m<sup>3</sup>.

Personal protection equipment

Respiratory Protection Not available

Hand protection Gloves

Eye Protection Safety glasses

Skin and body protection Lightweight protective clothing

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color Red

Odor none to slightly pleasant sweetish

Ph 7-7.5

Viscosity >10 < 11

Vapour pressure... not volatile

Boiling Point >90°

Decomposition temperature 196° - 198°

Explosive properties none

Relative density 1060gms/kg

Distilled Water >60%

Sodium Salt <10%

Biocide <1% see COMPOSITION, INFORMATION ON INGREDIENTS ..part 2

## 10. STABILITY AND REACTIVITY

Stability Stable at normal conditions

Conditions to avoid Keep containers dry and tightly closed and avoid contamination.

Materials to avoid Strong oxidizers.

No decomposition if stored normally

## 11. TOXICOLOGICAL INFORMATION

Local effects no data available

Chronic toxicity no data available

Human experience Health injuries are not known or expected under normal use.

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## **12. ECOLOGICAL INFORMATION**

Mobility completely soluble

Persistence and degradability

Chemical oxygen demand (COD) = 807 mg O<sub>2</sub>/g

Bioaccumulation No data available

Eco toxicity effects Toxicity to fish = LD<sub>50</sub> > 10,000 mg/l

Toxicity to bacteria = No data available

## **13. DISPOSAL CONSIDERATIONS**

Waste from residues/unused products Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules).

## **14. TRANSPORT INFORMATION**

Not a Hazardous Material : Australian Dangerous Goods Code for Transport by Road and Rail Vol 7

## **15. REGULATORY INFORMATION**

Product is generally recognized as safe.

## **16. OTHER INFORMATION**

HMIS\* Rating: Health = 0, Fire = 0, Reactivity =0

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