



SAFETY DATA SHEET

60% R32 RESIN EMULSION

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Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: 60% R32 RESIN EMULSION

Product code: fR32//60

Company name: Aquaspersions Ltd

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: SURFACTANT A 1-10%

[Xn] R22; [Xi] R41; [N] R53

- AMINE 1 1-10%

[Xn] R48/22; [Xi] R41

3. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes.

Other hazards: No other major hazards.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Prolonged contact may sensitise skin by defatting.

Eye contact: There may be irritation and redness.

Ingestion: Nausea and stomach pain may occur.

Inhalation: It is unlikely that this substance will be inhaled, unless through aspiration, due to its physical properties.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove contaminated clothing. Wash thoroughly with soap and water.

Eye contact: Irrigate with plenty of water. If persistent irritation occurs then seek advice from an ophthalmologist.

Ingestion: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: In the unlikely event that this substance is inhaled (e.g. aspiration) then treat symptomatically and seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Water. Alcohol resistant foam. Dry chemical powder.

Exposure hazards: May be irritating on prolonged or repeated contact. Virtually non-flammable as supplied. Residue may support combustion. Potentially flammable atmosphere could generate if polybutenes are held hot for a long time.

[cont...]

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel.
Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

Storage conditions: Store in cool, well ventilated area. Store in closed containers, well protected from frost.

Suitable packaging: Stainless steel. Polyethylene.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Pink

Odour: Aromatic

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible

Viscosity: 1000 - 5000 cps

Boiling point/range°C: 100

Melting point/range°C: 0

Flammability limits %: lower: No data

upper: No data

Part.coeff. n-octanol/water: No data

Autoflammability°C: No data

Vapour pressure: No data

Relative density: 0.900 - 1.000

pH: 8.5 - 10.5

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Extremes of temperature. Protect from frost.

Materials to avoid: Strong acids. Bases.

Haz. decomp. products: The residue of this emulsion may liberate toxic fumes in combustion.

11. TOXICOLOGICAL INFORMATION

Chronic toxicity: Danger of cumulative effects in contact with the skin.

Routes of exposure: No significant effects

12. ECOLOGICAL INFORMATION

Mobility: No data.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Retain for recovery. May be reused following decontamination.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

IMDG / IMO

Marine pollutant: N

IATA / ICAO

15. REGULATORY INFORMATION

Hazard symbols: Irritant.



Risk phrases: R36: Irritating to eyes.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. ADDITIONAL INFORMATION

Additional information: For use as an antioxidant in a variety of polymer latices. For use as a plasticiser / tackifier in polymeric adhesive formulations.

Risk phrases used in s.2: R22: Harmful if swallowed.

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R41: Risk of serious damage to eyes.

R53: May cause long-term adverse effects in the aquatic environment.

R48/22: Harmful: danger of serious damage to health by prolonged exposure if swallowed.

Legal disclaimer: Aquaspersions Limited shall not be held liable for any damage resulting from handling or from contact with the above product. Aquaspersions (M) Sdn Bhd shall not be held liable for any damage resulting from handling or from contact with the above product.

