



SAFETY DATA SHEET
33% AQUACCEL Z DISPERSION

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Aquaspersions Ltd
Beacon Hill Road
Halifax
West Yorkshire
HX3 6AQ
Tel: 01422 386200
Fax: 01422 386239

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

Product name: 33% AQUACCEL Z DISPERSION

Product code: fZID//35

Use / description of product: For use as an accelerator in the vulcanisation of rubber latex

2. COMPOSITION / INFORMATION ON INGREDIENTS

3. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Prolonged or repeated contact may sensitise skin or cause allergic reaction.

Eye contact: May cause transient corneal irritation.

Ingestion: Unlikely to be harmful by ingestion.

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. If a person feels unwell after coming into contact with this dispersion then seek medical advice.

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

Ingestion: Wash out mouth with water and give 200-300ml warm water to drink. Seek medical attention immediately.

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: Water. Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

Exposure hazards: Residues will emit toxic fumes under fire conditions: hydrogen cyanide (HCN), sulphur dioxide (SO₂), nitrous oxides (NO_x).

Protection of fire-fighters: Respiratory Protective Equipment (RPE) must be worn.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin/eyes.

Environmental precautions: Prevent contamination of drains/watercourses/vegetation. Advise police.

Clean-up procedures: Adsorb onto sand/earth/similar adsorbent material.

[cont...]

7. HANDLING AND STORAGE

- Handling requirements:** Avoid contact with skin/eyes. Do not inhale mists. Avoid ingestion.
- Storage conditions:** Store in closed containers, well protected from frost. Stir well before use.
- Suitable packaging:** Most packagaing suitable, avoid mild-steel.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering measures:** Ensure there is sufficient ventilation of the area.
- Respiratory protection:** None required.
- Hand protection:** Protective gloves made from nitrile rubber or PVC.
- Eye protection:** Ensure eye bath is to hand.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Flowable aqueous dispersion.
- Colour:** White
- Odour:** Perceptible odour
- Viscosity:** 250 - 2500 cps.
- Oxidising:** No data.
- Evaporation rate:** Negligible
- Solubility in water:** Miscible in all proportions
- Also soluble in:** Not applicable.
- Relative density:** 1.000 to 1.100
- pH:** 7.00 to 9.00

10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions.
- Conditions to avoid:** Extremes of temperature. Protect from frost.
- Materials to avoid:** Strong oxidising agents. Strong acids. Strong bases.
- Haz. decomp. products:** The residue of this emulsion may liberate toxic fumes in combustion.

11. TOXICOLOGICAL INFORMATION

- Effects of exposure** No significant effects
- Routes of exposure** Repeated or prolonged contact may cause skin irritation/allergy.

12. ECOLOGICAL INFORMATION

- Mobility:** Miscible with water.
- Persistence and degradability:** No data available.
- Bioaccumulative potential:** No data available.
- Other adverse effects:** No data available.

13. DISPOSAL CONSIDERATIONS

- Waste disposal:** In accordance with the local or national legislation.
- Disposal of packaging** Incinerate residues only in offically approved incinerator. Dispose of empty containers only on dumps designated for special waste or at an incineration plant for industrial waste.
- 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****IATA / ICAO****15. REGULATORY INFORMATION**

Hazard symbols: No significant hazard.

Safety phrases: S25: Avoid contact with 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 a vulcanisation accelerator for rubber latices.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Aquaspersions Limited shall not be held liable for any damage resulting from handling or from contact with the above product.