



## SAFETY DATA SHEET

50% BMI-H DISPERSION

Page 1

Issued: 09/08/02

Revision No: 1

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

**Product name:** 50% BMI-H DISPERSION

**Product code:** fBMIH/50

**Use / description of product:** 50% Aqueous Dispersion of N,N'-(4,4'-diphenylmethane)bismaleimide (CAS No:13676-54-5)

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

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**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. Transfer to hospital as soon as possible.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Water. Alcohol or polymer foam.

**Exposure hazards:** Residues of this dispersion will mainly emit oxides of carbon and nitrogen on combustion.

**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.

[cont...]

**SAFETY DATA SHEET**  
50% BMI-H DISPERSION

**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. Stir well before use.

**Suitable packaging:** Most packaging suitable, avoid mild-steel.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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

**Respiratory protection:** Respiratory protection not required.

**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:** Yellow-brown

**Odour:** Barely perceptible odour

**Evaporation rate:** Negligible

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Miscible

**Viscosity:** 500 - 2000 cps

**Relative density:** 1.000 - 1.100

**pH:** 7.00 - 8.00

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

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

**Materials to avoid:** Acids. Bases. Oxidising agents.

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

**11. TOXICOLOGICAL INFORMATION**

**Chronic toxicity:** Repeated or prolonged contact may cause skin irritation/allergy.

**Routes of exposure:** No significant effects

**12. ECOLOGICAL INFORMATION**

**Mobility:** No data available.

**Persistence and degradability:** Not biodegradable.

**Bioaccumulative potential:** No data available.

**SAFETY DATA SHEET**  
50% BMI-H DISPERSION

**Other adverse effects:** No data available.

**13. DISPOSAL CONSIDERATIONS**

**Disposal of packaging:** Incinerate residues only in officially 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**

**Marine pollutant:** N

**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. OTHER INFORMATION**

**Other information:** For use as a curing agent in CMS polymers.

**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.

