Material Safety Data Sheet 
According to 91/155 EEC 

1 Identification of the substance/preparation and of the company/undertaking 
- Product details 
- Trade name: 2351 FOUNTAIN CONC 
- Article number: C110 
- Application of the substance / the preparation Wetting agent 
- Manufacturer/Supplier: 
  Prisco Europe LTD. 
  STE 46 Hammerain House 
  Hookstone Avenue 
  Harrogate HG2 8ER U.K. 
- Further information obtainable from: +44/1423-810-320 
- Information in case of emergency: CHEMTREC (24 hr collect) +1-703-527-3887 

2 Composition/information on ingredients 
- Chemical characterization 
- Description: Mixture of substances listed below with nonhazardous additions. 
- Dangerous components: 
  - CAS: 111-76-2 2-butoxyethanol 10 - 20% 
  - CAS: 107-21-1 ethylene glycol 5 - 10% 
  - CAS: 10377-60-3 magnesium nitrate 5 - 10% 
  - CAS: 872-50-4 N-methyl-2-pyrrolidone ≤ 2.5% 
- Additional information: For the wording of the listed risk phrases refer to section 16. 

3 Hazards identification 
- Hazard description: 
  - Xi Irritant 
- Information concerning particular hazards for human and environment: 
  - The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version. 
  - R 36/38 Irritating to eyes and skin. 
  - R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed. 
  - R 36/38 Irritating to eyes and skin. 
- Classification system: 
  - The classification is according to the latest editions of the EU-lists, and extended by company and literature data. 

4 First-aid measures 
- After inhalation: In case of unconsciousness place patient stably in side position for transportation. 
- After skin contact: Immediately wash with water and soap and rinse thoroughly. 
- After eye contact: 
  - Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. 
- After swallowing: If symptoms persist consult doctor. 

(Contd. on page 2)
5 Fire-fighting measures
· Suitable extinguishing agents:
  CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· Protective equipment: No special measures required.

6 Accidental release measures
· Person-related safety precautions: Not required.
· Measures for environmental protection: Do not allow to enter sewers/ surface or ground water.
· Measures for cleaning/collection:
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage
· Handling:
  · Information for safe handling: Store in cool, dry place in tightly closed receptacles.
  · Information about fire - and explosion protection: No special measures required.
· Storage:
  · Requirements to be met by storerooms and receptacles: No special requirements.
  · Information about storage in one common storage facility: Not required.
  · Further information about storage conditions: Keep container tightly sealed.

8 Exposure controls/personal protection
· Additional information about design of technical facilities: No further data; see item 7.
· Ingredients with limit values that require monitoring at the workplace:
  111-76-2 2-butoxyethanol
  OES Short-term value: 50 ppm
  Long-term value: 25 ppm
  Sk, IOELV
  107-21-1 ethylene glycol
  OES Short-term value: 104** mg/m³
  Long-term value: 10** 52** mg/m³
  *particulate, IOELV, Sk **vapour, IOELV, Sk
  872-50-4 N-methyl-2-pyrrolidone
  OES Short-term value: 309 mg/m³, 75 ppm
  Long-term value: 103 mg/m³, 25 ppm
  Sk
· Additional information: The lists valid during the making were used as basis.
· Personal protective equipment:
· General protective and hygienic measures:
  Keep away from foodstuffs, beverages and feed.
  Immediately remove all soiled and contaminated clothing
  Wash hands before breaks and at the end of work.
  Avoid contact with the eyes and skin.
· Respiratory protection: Not required.
· Protection of hands:
  Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**
  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**
  
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**
  
  Tightly sealed goggles

### 9 Physical and chemical properties

#### General Information

- **Form:** Fluid
- **Colour:** Red
- **Odour:** Characteristic

- **Change in condition**
  
  - **Melting point/Melting range:** Undetermined.
  - **Boiling point/Boiling range:** 100°C

- **Flash point:** Not applicable.
- **Ignition temperature:** 240.0°C
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Vapour pressure at 20°C:** 16.2 hPa
- **Density at 20°C:** 1.1 g/cm³
- **Solubility in / Miscibility with water:** Soluble.
- **VOC** 207.5 g/l / 1.73 lb/gl (EPA Method 24)

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:**
  
  Carbon monoxide and carbon dioxide
  
  Nitrogen oxides

### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
  
  - **on the skin:** Irritant to skin and mucous membranes.
  - **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
  
  The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
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**Printing date 21.01.2005**

**Reviewed on 21.01.2005**

## Trade name: 2351 FOUNTAIN CONC

**Irritant**

(Contd. of page 3)

### 12 Ecological information

- **General notes:**
  - Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
  - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 13 Disposal considerations

- **Product:**
  - **Recommendation:**
    - Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packaging:**
  - **Recommendation:**
    - Disposal must be made according to official regulations.

### 14 Transport information

- **Land transport ADR/RID** (cross-border)
  - ADR/RID class: -

- **Maritime transport IMDG**
  - IMDG Class: -
  - Marine pollutant: No

- **Air transport ICAO-TI and IATA-DGR**
  - ICAO/IATA Class: -

### 15 Regulatory information

- **Labelling according to EU guidelines:**
  - The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

- **Code letter and hazard designation of product:**
  - Xi Irritant

- **Risk phrases:**
  - 36/38 Irritating to eyes and skin.
  - 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

- **Safety phrases:**
  - 20/21 When using do not eat, drink or smoke.
  - 24/25 Avoid contact with skin and eyes.

- **National regulations:**

- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant R-phrases**
  - 10 Flammable.

(Contd. on page 5)
Trade name: 2351 FOUNTAIN CONC

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
22 Harmful if swallowed.
36/38 Irritating to eyes and skin.

- Department issuing MSDS:
- Contact: CHEMTREC (24 hr collect) +1-703-527-3887
- * Data compared to the previous version altered.