



Material Safety Data Sheet

Manufacturer: Orphée S.A.
19 chemin du Champ-des-Filles
1228 Plan-les-Ouates

Date of card preparation: 30/09/2010
Date of revision: 26/11/2010

1. Identification of the preparation:

Mythic 18 New formula Diluent (HM18-006-10)
Blood diluting solution for haematology analyser Mythic 18.

2. Hazards Identification:

The preparation is not regarded as dangerous.

3. Composition/Information on components:

Sodium sulfate Contains: < 1% CAS number: 7757-82-6 EC number: 231-820-9 Index number: --- Harmfulness: --- Phrases: ---
Sodium chloride Contains: < 0.5% CAS number: 7647-14-5 EC number: 231-598-3 Index number: --- Harmfulness: --- Phrases: ---
Chelating agent Contains: 0.1% CAS number: 6381-92-6 EC number: 205-358-3 Index number: --- Harmfulness: Xi Phrases: R: 36

4. First Aid Measures:

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Call or medical advice.

In case of skin contact: Wash off with soap and plenty of water. Change contaminated clothes. Call for medical advice.

In case of eye contact: Flush eyes with water during 15 minutes, maintaining eyelids opened. Call for medical advice.

If swallowed: Never give anything by mouth to a victim. Do not induce vomiting. Call for medical advice.

5. Fire Fighting Measures.

Aqueous solution not considered to be a fire hazard.

Suitable extinguishing media: Use water spray.

Non-suitable extinguishing media: Water jet

Additional information: Do not let product enter drains.

6. Accidental Release Measures:

General: Ventilated area.

Personal precautions: Avoid contact with eyes and skin. Do not ingest.

Environmental precautions: Do not let product enter drains.

Protection equipment: cf. §.VIII.

Methods for cleaning up: recover with absorbent tissue for small quantities.

Eliminations: cf./ §.XIII.

7. Handling and Storage:

Handling: Avoid contact with eyes and skin. Respect Good Laboratory Practices.

Storage:

Store between 8°C and 30°C. Keep container tightly closed in a dry and well-ventilated place, on a retention device.

Incompatibility: material incompatible with water.

Expiration: 2 years if storage at ambient temperature (no known hazard related to storage degradation)

8. Exposure Controls/Personal Protection:

Collective protection measures: Respect the Good Laboratory Practices.

Personal protective equipment:

Respiratory protection: Not necessary in normal use. Wear air-purifying respirators type ABEK (EN 14387) in case of spray.

Eyes: Safety glasses.

Hand protection: Protective gloves (latex, vinyl, nitrile)

Clothes: Labcoat, safety shoes.

Hygiene measure: Change contaminated clothing. Wash hands after working. Do not eat, drink or smoke in the working area.

Specific hygiene measure: None.

9. Physical and Chemical Properties.

Form: liquid
Colour: colourless
Odour: no data available
Boiling temperature: ~ 100°C
Ignition temperature: N/A
Density: 1.1 kg/cm³
pH: 7
Water solubility: soluble
Flash point: N/A

10. Stability and Reactivity:

Storage stability: Stable under recommended storage conditions.
Conditions to avoid: Exposure to heat and direct light.
Materials to avoid: Oxidizing and reducing agents, peroxides, strong acids and bases.
Hazardous decomposition product: Data not available.
Additional data: None.

11. Toxicological Information:

Acute toxicity: Irritating.
Other toxicological information:
If inhaled: may irritate.
In case of eye contact: may irritate.
In case of skin contact: may irritate.
If swallowed: salivation, depression of respiratory system.
Sensitisation: No data available.
Carcinogen/Mutagen/Reprotoxic: Data not available. The solution doesn't contain component listed as a potential, probable or confirmed human CMR by ACGIH, IARC, NTP and OSHA.
Chronic toxicity: No data available.
Further information on toxicology: Other toxicological properties can't be excluded.
Handle this product with the same precautions as a chemical preparation.

12. Ecological Information:

Elimination information (persistence and degradability): No data available.
Ecotoxicity effects: Data not available.
Further information on ecology: Do not let product enter drains.

13. Disposal Considerations:

Product:
According to all national regulations.
Packing:
Dispose as unused product, in agreement with the specific regulations and through a circuit of recovery.

14. Transportation Information:

The product is not subject to transport regulations.

15. Regulatory Information:

Marking: Not applicable.

16. Other Information.

Hazards (R phrases):

R31: In contact with an acid, emit a toxic gas.

R36/38: Irritating for skin and eyes.

Recommendations on user's training/preparation: The user must be aware of chemical risks and how to safely handle the product.

Use restrictions: This product must be used for haematological analyses, in laboratory.

Reference: ESIS website, supplier, INRS.

This material safety data sheet supplements the product insert **Orphee S.A.** but does not replace it. The information contained herein is based on the present state of our knowledge.

The foregoing safety chart prepared in electronic version is legally valid without sign manual.