SECTION 1: Identification of the mixture and of the company

1.1. Product identifier: DIPHOTERINE®

Chemical name / class: Aqueous solution containing amphoteric salts
Synonyms: None

1.2. Relevant identified uses of the mixture and uses advised against:
- Washing of ocular or cutaneous chemical splashes of corrosive or irritant chemicals
  - PREVOR
  - Moulin de Verville
  - BP1
  - F-95760 VALMONDOIS - FRANCE
  - Phone: +33(0)1 30347676
  - Fax: +33(0)1 30347670
  - fds@prevor.com

1.3. Details of the supplier of the safety data sheet:

1.4. Emergency telephone number: +33(0)1 30347676 (Business hours– GMT +1)

SECTION 2: Hazards identification

2.1. Classification of the mixture: Non-hazardous mixture according to 1272/2008/EC regulation (CLP).
2.2. Label elements: None according to CLP.
2.3. Other hazards: No specific hazard.

SECTION 3. Composition/information on ingredients

3.1. Mixture:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>% w/w</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diphoterine®</td>
<td>proprietary</td>
<td>proprietary</td>
</tr>
<tr>
<td>Water</td>
<td></td>
<td>balance</td>
</tr>
</tbody>
</table>

3.2. Impurities: No hazardous impurities.

SECTION 4: First aid measures

This is a first-aid product designed to be used in cases of corrosive or irritating chemical contamination. Exposure to this product will not cause additional injury. Victims of chemical exposure must seek advice from a specialist or receive medical attention. Take a copy of the label and MSDS of the product which caused the injury to physician or health professional with victim.

4.1. Description of first aid measures

4.1.1. Inhalation: No specific hazards

4.1.2. Eye exposure: No specific hazards

4.1.3. Skin exposure: No specific hazards

4.1.4. Ingestion: No specific hazards

4.2. Most important symptoms and effects, both acute and delayed: None known

4.3. Indication of any immediate medical attention and special treatment needed:

This product is a class IIa medical device in Europe, and has been specifically designed to reduce or avoid injuries caused by an ocular or cutaneous chemical splash. This solution is not hazardous in itself. If necessary, apply a secondary treatment designed for chemical exposure.

SECTION 5: Firefighting measures

This product is non-flammable and non-combustible.

5.1. Suitable extinguishing media: Water spray, carbon dioxide, dry chemical, foam, any “ABC” class device

5.2. Special hazards arising from the substance or mixture: None

5.3. Advice for fire-fighters: In case of fire, wear Self-Contained Breathing Apparatus.
SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures: No specific measures with Diphoterine® solution in itself.
6.2. Environmental precautions: No specific precautions. Clean up the spilled non-hazardous liquid.
6.3 Methods and material for containment and cleaning up:
   - No specific precautions. This product can be absorbed, for example, with Trivorex® absorbent.
6.4. Reference to other sections: N/A

SECTION 7: Handling and storage
7.1. Precautions for safe handling: No specific precautions.
7.2. Conditions for safe storage, including any incompatibilities:
   - Sterile product. Keep in the original container. This product has two year shelf life if kept sealed in its original packaging. When possible, store containers in a cool, dry location, away from sources of intense heat, or where freezing is possible.
   - No incompatibility.
7.3. Specific end use(s):
   - Use Diphoterine® solution immediately and optimally as primary action to wash eye and/or skin in cases of a corrosive or irritating chemical splashes (acids, bases, oxidizers, reducing agents or solvents). In cases of splashes due to hydrofluoric acid or fluorides in acidic medium, Hexafluorine® solution washing is more adapted.

SECTION 8: Exposure controls/personal protection
8.1. Control parameters: No national limit values.
8.2. Exposure controls:
   - No specific precautions in cases of simple Diphoterine® solution exposure. Use adequate ventilation to prevent exposure to the chemical which contaminates the victim.
8.2.2. Personal protection equipment:
   - Respiratory protection: None
   - Hand protection: None
   - Eye protection: None
   - Skin/body protection: None
   - Specific hygiene measures: None
   - Protection of the responders: None for Diphoterine® solution. If treating a victim, responders should wear adequate protection equipment in order to protect themselves from any contact with the chemical remaining on the victim.

SECTION 9: Physical and chemical properties
- Appearance (20°C): liquid
- Odour: none
- Odour threshold: Not applicable
- Melting point/ freezing point: -1°C
- Boiling point: 100°C
- Flash point: Non flammable
- Evaporation rate (water = 1): 1
- Auto-ignition temperature: Non flammable
- Upper/lower flammability limits: Non applicable
- Specific gravity*: 1.032 g/cm³
- pH: 7.4 +/- 0.3
- Vapour pressure: 18 mmHg (20°C)
- Solubility in water: soluble
- Solubility: insoluble in organic solvents
- Partition coefficient n-octanol/water: 100% soluble in water

SECTION 10: Stability and reactivity
10.1. Chemical reactivity: Non-reactive
10.2. Chemical stability: Stable mixture

*: Indicates data modified since last update
10.3. Possibility of hazardous reactions: None
10.4. Conditions to avoid:* Do not puncture or expose MICRO or MINI sprays to sunlight or to temperatures above 50°C. Do not expose DAP (autonomous portable shower) to temperatures above 60°C.
10.5. Incompatible materials: None
10.6. Hazardous decomposition products: Thermal decomposition from 100 °C: carbon monoxide and dioxide, nitrogen or carbon oxides, organic vapours.

SECTION 11: Toxicological information
11.1. Information on toxicological effects
11.1.1. Ingestion:
11.1.2. Local effects:
Skin contact: Non irritant (tested on rabbits)
Eye contact: Non irritant (in vitro tests Dermal Irritation® test method)
Sensitization to the product: Non sensitising (Magnusson & Kligman Method on Guinea Pig)
11.1.3. Mutagenicity: Non mutagenic (Ames test negative)

DL₅₀ (rat) > 2000 mg/Kg

SECTION 12: Ecological information
Diphoterine® solution is not harmful if released into the environment.
12.1. Toxicity
12.1.1. Ecotoxicity:
12.1.2. Microtoxicity:
CE50-15min at 8.63% CE50-30min at 9.8%
CE50-15min at 5136mg/l CE50-30min at 5832mg/l
12.1.3. Aquatic toxicity:
Daphnia Magna (No known eco-toxic effects)
CE50-24h at 9.5% CE50-24h at 5654mg/l
12.2 Persistence/degradability:
Diphoterine® solution is stable, but will decompose into simple salts in environment.
12.3 Bioaccumulative potential:
Diphoterine® solution does not bioaccumulate (log Kow: 100 % soluble water).
12.4. Mobility in soil:
Liquid and soluble in water.
12.5. Results of PBT and vPvB assessment:
Not PBT / vPvB
12.6. Other adverse effects:
None

SECTION 13: Disposal considerations
13.1. Waste treatment methods:
No specific disposal measures. Recycle containers.

SECTION 14: Transport information*
No transport regulation applies to the Diphoterine® solution.
RID/ADR*:
IMDG:
IATA:
Non-regulated for Diphoterine® solution in itself. Packaging in conformity with the provisions applicable to the carriage of dangerous goods packed in limited quantities (ADR, volume II: 3.4)
No specific regulations for Diphoterine® solution in itself
No specific regulations for Diphoterine® solution in itself

<table>
<thead>
<tr>
<th>MICRO DAP</th>
<th>MINI DAP</th>
<th>DAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN or ID No</td>
<td>UN 1950</td>
<td>UN 1950</td>
</tr>
<tr>
<td>Shipping name</td>
<td>Aerosols, non-flammable</td>
<td>Aerosols, non-flammable</td>
</tr>
<tr>
<td>Class</td>
<td>2.2</td>
<td>2.2</td>
</tr>
<tr>
<td>Packing instruction</td>
<td>203</td>
<td>203</td>
</tr>
</tbody>
</table>

*: Indicates data modified since last update
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N/A

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

Defined as a medical device by the 93/42/EC regulation. Product classified as non hazardous according to the CLP (1272/2008/EC) regulation, (Classification, Labelling and Packaging of chemicals) incorporating GHS (Globally Harmonized System) in Europe MSDS elaborated in accordance with European regulation 453/2010/EC.

N/A

SECTION 16: Other information

Recommended utilizations:

Use Diphoterine® solution immediately as primary action to wash eye and/or skin in cases of a corrosive or irritating chemical splashes (acids, bases, oxidizers, reducing agents or solvents).

In cases of splashes due to hydrofluoric acid or fluorides in acidic medium, Hexafluorine® washing is more adapted.

Ideal temperature of use:*  Between 15 and 35°C.

This sheet complements the technical sheets but does not replace them. The information that is contained herein is based on the state of our knowledge related to the product concerned at the date of issue and is given in good faith. Moreover, the user’s attention is drawn to the possible risks incurred by using the product for any other use than that for which it was intended.

*: Indicates data modified since last update