

BUTTERFIELD'S PHOSPHATE BUFFERED DILUTION WATER

SECTION 1: PRODUCT IDENTIFICATION

Product Name: BUTTERFIELD'S PHOSPHATE BUFFERED DILUTION WATER
Product Code: TR 120
CAS#: Not available
CI#: Not available
Synonym: Not available
Chemical Name: BUTTERFIELD'S PHOSPHATE BUFFERED DILUTION WATER
Chemical Formula: Not available

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition:
Name: BUTTERFIELD'S PHOSPHATE BUFFERED DILUTION WATER
Toxicological Data on Ingredients: Not available

SECTION 3: HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008

Not a hazardous substance or mixture (GHS 07), H318 Flammable liquids
(Category 2), H332 Serious eye irritation (Category 2), H336 Skin damage (Category 1), H373

Potential Acute Health Effects: Not available

Carcinogenic Effects: Not available
Mutagenic Effects: Not available
Teratogenic Effects: Not available
Developmental Toxicity: Not available

SECTION 4: FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Warm water must be used. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available

Inhalation: After inhalation: fresh air.

Serious Inhalation: Not available

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

Special hazards arising from the substance or mixture.



Oxides of phosphorus
Potassium oxides
Not combustible.
Ambient fire may liberate hazardous vapours.

Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

Further information

Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire-extinguishing water from contaminating surface water or the ground water system.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

Environmental precautions

Do not let product enter drains.

SECTION 7: HANDLING AND STORAGE

Storage conditions

Tightly closed.

Storage class

Storage class (TRGS 510): 12: Non Combustible Liquids

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.

Personal Protection in Case of a Large Spill: Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.

Exposure Limits: Not available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance Form	: Liquid.
Odour	: Not Available
Taste	: Not Available
Molecular Weight	: Not Available
Colour	: Not Available
pH	: 6.0 – 8.0 at 25 °C
Boiling Point	: Not Available
Melting Point	: 0.0 °C
Critical Temperature	: Not Available
Relative Density	: Not Available
Vapor Pressure	: Not Available
Vapor Density	: 100 g/cm ³



Volatility	: Not Available
Odor Threshold	: Not Available
Water/Oil Dist. Coeff.	: Not Available
Ionicity (in Water)	: Not Available
Dispersion Properties	: Not Available
Solubility	: Not Available

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: The product is stable under standard ambient conditions (room temperature).

Instability Temperature: Not available

Conditions of Instability: Not Available

Incompatibility with various substances: Strong oxidizing agents

Corrosivity: Not Available

Special Remarks on Reactivity: Not Available

Special Remarks on Corrosivity: Not Available

Polymerization: Not Available

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity to Animals:

Acute toxicity

Oral: No data available

Inhalation: No data available

Dermal: No data available

Serious eye damage/eye irritation : Not Available

LD₅₀: Not Available

LC₅₀: Not Available

Chronic Effects on Humans: Not Available

Other Toxic Effects on Humans: Not Available

Special Remarks on Toxicity to Animals: Eye irritation.

Special Remarks on Chronic Effects on Humans: Not Available

Special Remarks on other Toxic Effects on Humans: Not Available

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity: Not available

BOD and COD: Not available

Products of Biodegradation: Not Available

Toxicity of the Products of Biodegradation: Not available

Special Remarks on the Products of Biodegradation: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

UN number

ADR/RID:

IMDG:

IATA:



UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Transport hazard class(es)

ADR/RID:

IMDG:

IATA:

Packaging group

ADR/RID:

IMDG: I

IATA:

Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

Special precautions for user

No data available

SECTION 15: OTHER REGULATORY INFORMATION

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

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Other regulations

For this product a chemical safety assessment was not carried out

SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Not available.

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