Materials Safety Data Sheet

Part No. 025-021, Flame Photometry Standard
1000ppm Sodium

1.0 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

Product details: Flame Photometry Standard

Product name: **1000ppm Sodium Flame Photometry Standard**
Part number: 025 021
Supplier:

Bibby Scientific Ltd
Beacon Road
Stone
Staffordshire
ST15 0SA
England

Telephone: + 44 (0)1785 812121
Fax: + 44 (0)1785 810471
Email: jenwayhelp@bibby-scientific.com

Further information obtainable from: Health & Safety.

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterisation
Description: Mixture of the substances listed below with harmless additions.

Description	Identification number(s)
Purified water	**EINECS Number:** 231-791-2

Dangerous components: Void
Additional information: For the wording of the listed risk phrases refer to section 16.

3.0 HAZARDS IDENTIFICATION

Hazard Description: Not applicable
Information pertaining to particular hazards to man and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system:
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4.0 FIRST AID MEASURES

General Information:
No special measures required.
After inhalation:
Supply fresh air; consult doctor in case of symptoms.
After skin contact:
Generally the product does not irritate the skin.
After eye contact:
Rinse opened eye for several minutes under running water.
After swallowing:
If symptoms persist consult doctor.

5.0 FIRE FIGHTING MEASURES

Suitable extinguishing agents:
CO_2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Protective equipment:
No special measures required.

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6.0 ACCIDENTAL RELEASE MEASURES

Person-related safety precautions:
Not required.
Measures for environmental protection:
Dilute with plenty of water. Do not allow to enter sewers/surface or ground water.
Measures for cleaning/collecting:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Additional information:
No dangerous materials are released.

7.0 HANDLING AND STORAGE

Handling: PPE to be worn. See section 8.
Information for safe handling:
No special measures required.
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 facility:
Not required.
Further information about storage conditions:
None.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities:
No further data; see section 7.
Components with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional information:
The lists that were valid during the compilation were used as basis.
Personal protective equipment:
General protective and hygienic measures:
The usual precautionary measures should be adhered to general rules for handling chemicals.
Respiratory protection:
Suitable respiratory protective device recommended.
Protection of hands:
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 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 through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection:
Goggles recommended during refilling.

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9.0 PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Colour: Colourless
Odour: Characteristic

Melting point/Melting range:	0°C
Boiling point/Boiling range:	100°C
Flash point:	Not applicable.
Self-inflammability:	Product is not selfigniting.
Danger of explosion:	Product is not explosive.
Density at 20°C:	Not determined.
Solubility in/Miscibility with water:	Fully miscible
Solvent content:	
Organic solvents:	0.0 %

10.0 STABILITY AND REACTIVITY

Thermal decomposition/conditions to be avoided:
No decomposition if used according to specifications.
Dangerous reactions:
No dangerous reactions known.
Dangerous products of decomposition:
No dangerous decomposition products known.

11.0 TOXICOLOGICAL INFORMATION

Acute toxicity:
Primary irritant effect on the skin:
No irritant effect.
Primary irritant effect on the eye:
No irritating effect.
Sensitisation:
No sensitising effect known.
Additional toxicological information:
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12.0 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 bodies or sewage system.

13.0 DISPOSAL CONSIDERATIONS

Product:
Recommendation:
Smaller quantities can be disposed of with household waste.
Uncleaned packaging:
Recommendation:
Disposal must be made according to official regulations.
Recommended Cleansing Agents:
Water, if necessary with cleansing agent.

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14.0 TRANSPORT INFORMATION

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

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

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

Transport/ Additional information:
Not dangerous according to the above specifications.

15.0 REGULATORY INFORMATION

Designation according to EU guidelines:
Observe the normal safety regulations when handling chemicals. The product is not subject to identification regulations under EC Directives/Ordinance on Hazardous Materials (German GefStoffV).

National regulations
Water hazard class:
Water hazard class 1 (Self-assessment): Slightly hazardous for water.

16.0 OTHER INFORMATION

This MSDS should be forwarded immediately to all users of this product within your organisation. If this product is to be re-consigned to another organisation then it is your responsibility to ensure that this MSDS is sent or copied to that organisation. This data sheet must not be construed to be a risk assessment for operations involving this substance. As with any other substance, the user is advised to carry out a risk assessment when working with it. 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. No responsibility can be assumed by Jenway for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices.
Department issuing MSDS: Health & Safety

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