

Material Safety Data Sheet

POTASSIUM FLUORIDE SOLUTION

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product. The contents and format of this MSDS are in accordance with EC Commission Directive 91/155EEC.

1. **Identification**
Chemical Description Potassium fluoride solution

2. **Composition**
Potassium fluoride aqueous solution less than 1%

3. **Hazards Identification**
Health Hazard Not regarded as a health hazard under current legislation

4. **First Aid Measures**
 - Eye Contact
 - Irrigate thoroughly with water. If discomfort persists obtain medical attention
 - Inhalation
 - Remove from exposure
 - Skin Contact
 - Wash off skin thoroughly with soap & water
 - Ingestion
 - Wash out mouth thoroughly with water

5. **Fire Fighting Measures**
Extinguishing Media This material is not combustible. Use extinguishing media appropriate for surrounding fire

6. **Accidental Release Measures**
Wear appropriate protective clothing. If local regulations permit mop up with water and run to waste. Otherwise transfer to container and arrange removal by disposal company.

7. **Handling and Storage**
No special requirements

8. **Exposure controls / Personal Protection (as appropriate to quantities handled)**

| | | | | | | | |
|------------------------|---|--|--|--|--|--|--|
| Protective Equipment | Goggles or face-shield, rubber or plastic gloves, plastic apron, sleeves and boots if handling large quantities | | | | | | |
| Respiratory Protection | Not applicable | | | | | | |
| Ventilation | Not applicable | | | | | | |

9. **Physical and Chemical Properties**

| | | | | | | | |
|--------------------------|----------------------------|--|--|--|--|--|--|
| Appearance/Form | Colourless Liquid | | | | | | |
| Melting Point | n/a | | | | | | |
| Flash Point (degC) | n/a | | | | | | |
| Boiling Point | n/a | | | | | | |
| Auto-ignition Temp(degC) | n/a | | | | | | |
| Solubility in water | Miscible in all proportion | | | | | | |

10. **Stability and Reactivity**

| | | | | | | | |
|----------------------------|---------|-------|-------|-------|------|----------------|-------------------|
| Stability | Stable | | | | | | |
| Reaction with Water | None | | | | | | |
| Other Known Hazards | No data | | | | | | |
| Avoid Contact With - Water | (no) | Acids | (yes) | Bases | (no) | Oxidisers (no) | Combustibles (no) |

11. **Toxicological information**

| | | | | | | | |
|-----------------|--|--|--|--|--|--|--|
| Toxicity | No data | | | | | | |
| Carcinogenicity | No evidence of carcinogenic properties | | | | | | |
| Mutagenicity | No evidence of mutagenic effects | | | | | | |
| Exposure Limits | Not assigned | | | | | | |

12. **Ecological Information**
No hazard expected if handled and disposed of with due care

13. **Disposal Considerations**
Dispose of in accordance with local authority requirements or pass to chemical disposal company

14. **Transportation Information**

| | | | | | | | |
|------------------------|----------------|--|--|--|--|--|--|
| Correct Technical Name | Not Restricted | | | | | | |
| UN No | Not Classified | | | | | | |
| IMDG | Not Classified | | | | | | |
| IATA | Not Classified | | | | | | |
| IMO | Not Classified | | | | | | |
| ADR/RID | Not Classified | | | | | | |

15. **Regulatory Information**

| | | | | | | | |
|--------------------|----------------|--|--|--|--|--|--|
| Symbol | None | | | | | | |
| Risk Phrases | Not Classified | | | | | | |
| Safety Phrases | Not Classified | | | | | | |
| UK Exposure Limits | None assigned | | | | | | |

16. Other Information

All information, recommendations and suggestions herein concerning the above product are based upon data believed to be reliable, however, it is the users responsibility to determine the safety, toxicity, and suitability for his/her own use of the product described herein. The information herein should not be construed as being absolutely complete since additional information may be necessary or desirable when special or exceptional circumstances exist or because of applicable laws or regulations.

Disclaimer

The preceding is given in good faith as required under the health and safety at work act 1974, but no warranty is implied or given. The information provided is designed to enable the user to use the product safely. If the information is insufficient to ensure safety in any particular application, contact "the supplier" for further advice before proceeding.

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