

## Material Safety Data Sheet

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Date Updated: 13/MAR/2004

Version 1.1

According to 91/155/EEC

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1 - Product and Company Information

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Product Name	BISTRIFLUOROACETAMIDE
Product Number	15225
Company	Sigma-Aldrich Pty, Ltd Unit 2, 14 Anella Avenue Castle Hill NSW 1765 Australia
Technical Phone #	+61 2 9841 0555
Fax	+61 2 9841 0500
Emergency Phone #	+61 2 9841 0566

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2 - Composition/Information on Ingredients

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Product Name	CAS #	EC no	Annex I Index Number
BISTRIFLUOROACETAMIDE	407-24-9	206-981-3	None
Formula	C4HF6NO2		
Molecular Weight	209 AMU		

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3 - Hazards Identification

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4 - First Aid Measures

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5 - Fire Fighting Measures

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## EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

## SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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6 - Accidental Release Measures

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## METHODS FOR CLEANING UP

Wash spill site with soap solution. Flush spill area with copious amounts of water. Place in appropriate container.

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7 - Handling and Storage

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8 - Exposure Controls / Personal Protection

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## PERSONAL PROTECTIVE EQUIPMENT

Eye Protection: Chemical safety goggles.

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## 9 - Physical and Chemical Properties

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Appearance                      Color: Colorless  
                                     Form: Crystals

Property	Value	At Temperature or Pressure
pH	N/A	
BP/BP Range	N/A	
MP/MP Range	81 °C	
Flash Point	N/A	
Flammability	N/A	
Autoignition Temp	N/A	
Oxidizing Properties	N/A	
Explosive Properties	N/A	
Explosion Limits	N/A	
Vapor Pressure	N/A	
SG/Density	N/A	
Partition Coefficient	N/A	
Viscosity	N/A	
Vapor Density	N/A	
Saturated Vapor Conc.	N/A	
Evaporation Rate	N/A	
Bulk Density	N/A	
Decomposition Temp.	N/A	
Solvent Content	N/A	
Water Content	N/A	
Surface Tension	N/A	
Conductivity	N/A	
Miscellaneous Data	N/A	
Solubility	N/A	

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## 10 - Stability and Reactivity

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### HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: When heated to decomposition it may emit:.

### HAZARDOUS EXOTHERMIC REACTIONS

Hazardous Exothermic Reactions: Will not occur

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## 11 - Toxicological Information

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## 12 - Ecological Information

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No data available.

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## 13 - Disposal Considerations

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### SUBSTANCE DISPOSAL

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

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## 14 - Transport Information

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### RID/ADR

UN#: 3261

Class: 8

PG: II  
Proper Shipping Name: Corrosive solid, acidic,  
organic, n.o.s.

IMDG

UN#: 3261  
Class: 8  
PG: II  
Proper Shipping Name: CORROSIVE SOLID, ACIDIC,  
ORGANIC, N.O.S.  
Marine Pollutant: No  
Severe Marine Pollutant: No  
Technical Name: Required

IATA

UN#: 3261  
Class: 8  
PG: II  
Proper Shipping Name: Corrosive solid, acidic,  
organic, n.o.s.  
Inhalation Packing Group I: No  
Technical Name: Required

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15 - Regulatory Information

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16 - Other Information

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WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright 2005 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.

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