SUPELCO Analytical

Providing Chromatography Products for Analysis and Purification.

Customer P.O. No. 29099

Material Safety Data Sheet

Date Printed: 07/27/2011
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Section 1 - Product and Company Information

Catalog Number: 33084 (Reorder Product by this No.)
Product Name: BSTFA KIT, 0.1ML PK144
Data Sheet Number: R402070
Data Sheet Name: BSTFA
Street Address: 595 North Harrison Road
City, State, Zip, Country: Bellefonte, PA 16823-0048 USA
Fax (MSDS Dept.): 814-359-5930
Emergency Phone: 800-521-8956 EXT 2143
CHEMTREC: 800-424-9300

Section 2 - Composition/Information on Ingredient(s)

Substance Name: BSTFA
CAS#: 25561-30-2
SARA 313: No
Ingredients:
Formula: C8H18SiONF3
Chemical Name:
BIS(TRIMETHYLSILYL)TRIFLUOROACETAMIDE
Synonym(s):
BIS(TRIMETHYLSILYL)TRIFLUOROACETAMIDE
RTECS Number: no data available
MSDS Dictionary:
CAS=Chemical Abstract Service; %=Percentage of Composition; TLV=Threshold Limit Value; SARA=Superfund Amendments and Reauthorization Act of 1986; TSCA=Toxic Substances Control Act; N/A=Not Available.

Section 3 - Hazards Identification

Emergency Overview:
Stable.
May irritate eyes and/or skin.
To the best of our knowledge, the chemical, physical, & toxicological properties have not been thoroughly investigated.
See Section 11 for toxicological data.

Section 4 - First Aid Measures

Oral Exposure:
Inhalation Exposure:
Immediately move to fresh air.
Dermal Exposure:
Remove contaminated clothing and shoes.
Contact a physician.
Flush skin with large volumes of water.
Promptly wash skin with mild soap and large volumes of water.
Eye Exposure:

Section 4 - First Aid Measures

Contact a physician.
Flush eyes with water for 15 minutes.
Additional Information: no data available

Section 5 - Fire Fighting Measures

Flammable Hazards:
Explosion Hazards:
Thermal Decomposition Components:
Oxides of nitrogen, fluorides, oxides of silicon, co and co2.
Extinguishing Media:
Suitable:
C02.
Dry chemical.
Firefighting
Protective Equipment:
Wear self-contained breathing apparatus when fighting a chemical fire.
Specific Hazard(s):

	Value:	Method:
Flash Point (F):	94° F	Closed Cup
Autoignition Temperature:		
	Lower:	Upper:
Explosion Limits:	no data available	

Additional Information: no data available

Section 6 - Accidental Release Measures

Procedure to be followed in case of Leak or Spill:
Ventilate area.
Take up with absorbent material.
Eliminate all ignition sources.
Procedure(s) of Personal Precaution(s):
Avoid eye or skin contact.
Avoid breathing vapors.
Wear protective glasses.
Wear plastic gloves.
Wear face mask with organic vapor canister.
Methods for Cleaning Up:
Flush area with water.
Additional Information: no data available

Section 7 - Handling and Storage

Handling
User Exposure:
Avoid eye or skin contact.
Avoid breathing vapors.
Storage
Suitable:
Keep away from heat.
Keep away from moisture.
Store in dry, well-ventilated area.
Keep away from ignition sources.
Additional Information: no data available

Section 8 - Exposure Controls/PPE

Engineering Controls:
Use only in well-ventilated area.
Personal Protective Equipment
Respiratory:
Wear face mask with organic vapor canister.
Hand:
Wear plastic gloves.
Eye:
Wear protective glasses.
Additional Equipment:
General Hygiene Measures:
Avoid eye or skin contact.
Avoid breathing vapors.
Additional Information: no data available

Section 9 - Physical and Chemical Properties

Appearance:
Clear colorless to light yellow liquid
Odor:
Molecular Weight: 257.40
pH:

	Value:	Method:
Boiling Point Range:	40° C	12 mmHg
Melting Point Range:	no data available	
Vapor Pressure:	<1 mmHg	20.0° C
Vapor Density:	>1	(Air=1)
Volatile %:	<1	
Specific Gravity/Density:	0.969 g/cm3 or g/ml	(Water=1)
Evaporation Rate:	<1	(Butyl Acetate=1)
	Value:	Method:
Flash Point (F):	94° F	Closed Cup
	Lower:	Upper:
Explosion Limits:	no data available	
Solubility in Water:	no data available	

Refractive Index:
Autoignition Temperature:
Additional Information: no data available

Section 10 - Stability and Reactivity

Stability:
Stable:
Stable.
Materials to Avoid:
Alcohols, and mineral acids
Water.
Conditions to Avoid:
N/A
Hazardous Decomposition Products:
Oxides of nitrogen, fluorides, oxides of silicon, co and co2.
Hazardous Polymerization:
Will not occur.
Additional Information: no data available
Alcohols, and mineral acids

Section 11 - Toxicological Information

Route of Exposure
Skin Contact:
Skin Absorption:
Eye Contact:
Inhalation:

Section 11 - Toxicological Information

Ingestion:
Critical Effects:
Additional Possible Effects:
Target Organ(s) or System(s):
Signs and Symptoms of Exposure:
May irritate eyes and/or skin.
Conditions Aggravated by Exposure:
Additional Information: no data available

Toxicity Data (LD50):	no data available	
	Limit	Range
TLV:	no data available	
PEL:	no data available	

Section 12 - Ecological Information

Ecotoxicity:
No Data Available.

Section 13 - Disposal Information

Appropriate Method of Disposal of Substance or Preparation:
Comply with all applicable federal, state, or local regulations. Contact a licensed professional waste disposal service to dispose of this material.

Section 14 - Transport Information

DOT

Proper Shipping Name:	no data available
UN#:	no data available
Class:	no data available
Packing Group:	no data available
Hazard Label:	no data available
PIH:	no data available

IATA

Proper Shipping Name:	no data available
IATA UN Number:	no data available
Hazard Class:	no data available
Packing Group:	no data available
Hazard Label:	no data available
PIH:	no data available

Section 15 - Regulatory Information

EU Directives Classification

Symbol of Danger:	C
Indication of Danger:	Corrosive
Risk Statements:	R: 10 34
	Flammable.
	Causes burns.
Safety Statements:	S: 16 36 37 39
	Keep away from sources of ignition - No smoking.
	Wear suitable protective clothing, gloves and eye/face protection.

US Classification and Label Text
Indication of Danger:
Risk Statements:
Safety Statements:
US Statements:
United States Regulatory Information

Section 15 - Regulatory Information

SARA Listed: No
Deminimis:
Notes:
TSCA Inventory Item: No
United States - State Regulatory Information
California Prop-65:
Canada Regulatory Information
WHMIS Classification:
Class B - Division 2 - Flammable liquids (CPR 35).
Class D - Division 2 - Poisonous and infectious materials.
DSL:
NDSL:
Additional Information: no data available

Section 16 - Other Information

Disclaimer:
For R&D use only. Not for drug, household or other uses.
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. Supelco, shall not be held liable for any damage resulting from handling or from contact with the above product. Copyright 2011 Supelco.
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