

Material Safety Data Sheet

Customer P.O. No. 021612/LEPAGE

Date Printed: 02/21/2012
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Section 1 - Product and Company Information

Catalog Number: 502219 (Reorder Product by this No.)
Product Name: DABSYL CHLORIDE, 500MG
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: DABSYL CHLORIDE
CAS#: 56512-49-3
SARA 313: No
Ingredients:
Formula: C14H14CLN3O2S
Chemical Name:
4-(DIMETHYLAMINO)AZOBENZENE-4'-SULFONYL CHLORIDE
Synonym(s):
DABSYL CHLORIDE
RTECS Number: DB8927800
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.
Harmful if absorbed through skin.
Causes severe respiratory burns.
Harmful if inhaled.
Harmful if swallowed.
Will attack most metals, releasing hydrogen gas.
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:

Contact a physician.
Never give anything by mouth to an unconscious person.
Never try to make an unconscious person vomit.

Inhalation Exposure:

Immediately move to fresh air.
Give oxygen if breathing is labored.

Section 4 - First Aid Measures

Dermal Exposure:

Flush skin with large volumes of water.

Eye Exposure:

Flush eyes with water for 15 minutes.

Additional Information:

Contact a physician.

Section 5 - Fire Fighting Measures

Flammable Hazards:

Explosion Hazards:

Thermal Decomposition Components:

Oxides of nitrogen, hydrogen chloride, oxides of sulfur.

Extinguishing Media:

Suitable:

CO2.

Foam.

Dry chemical.

Do not use water.

Firefighting

Protective Equipment:

Wear self-contained breathing apparatus when fighting a chemical fire.

Specific Hazard(s):

Will attack most metals, releasing hydrogen gas.

Value:

Method:

N/A

Flash Point (F):

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.

Neutralize or cover with soda ash.

Eliminate all ignition sources.

Avoid generating dust.

Procedure(s) of Personal Precaution(s):

Avoid inhaling dust.

Avoid eye or skin contact.

Wear protective glasses.

Wear face shield.

Wear rubber gloves.

Wear NIOSH/OSHA approved respiratory protection.

Methods for Cleaning Up:

Additional Information: no data available

Section 7 - Handling and Storage

Handling

User Exposure:

Avoid inhaling dust.

Avoid eye or skin contact.

Storage

Suitable:

Store under nitrogen.

Keep away from heat.

Keep away from moisture.

Keep away from oxidizers.

Keep away from bases.

Store in sealed container in cool, dry location.

Additional Information: no data available

Section 8 - Exposure Controls/PPE

Engineering Controls:
Use only in exhaust hood.

Personal Protective Equipment

Respiratory:
Wear NIOSH/OSHA approved respiratory protection.

Hand:
Wear rubber gloves.

Eye:
Wear protective glasses.
Wear face shield.

Additional Equipment:

General Hygiene Measures:
Avoid inhaling dust.
Avoid eye or skin contact.

Additional Information: no data available

Section 9 - Physical and Chemical Properties

Appearance:
Solid

Odor:

Molecular Weight: 323

pH:

Boiling Point Range:	Value: no data available	Method:
Melting Point Range:	185° C	
Vapor Pressure:	no data available	
Vapor Density:	no data available	
Volatile %:	no data available	
Specific Gravity/Density:	no data available	
Evaporation Rate:	Value: no data available	Method:
Flash Point (F):	N/A	
	Lower: no data available	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:

Conditions to Avoid:
Moisture.

Hazardous Decomposition Products:
Oxides of nitrogen, hydrogen chloride, oxides of sulfur.

Hazardous Polymerization:
Will not occur.

Additional Information: no data available

Section 11 - Toxicological Information

Route of Exposure

Skin Contact:
Burns skin.

Skin Absorption:
Harmful if absorbed through skin.

Eye Contact:
Burns eyes.

Section 11 - Toxicological Information

Inhalation:

Pulmonary edema.

Causes severe respiratory burns.

Harmful if inhaled.

Inhalation may be fatal as a result of spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema.

Ingestion:

Harmful if swallowed.

Critical Effects:

Additional Possible Effects:

Target Organ(s) or System(s):

Signs and Symptoms of Exposure:

Coughing, wheezing, laryngitis, shortness of breath.

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: CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.
NOS Description: 4-(dimethylamino)azobenzene 4-sulfonyl chloride

UN#: 3261
Class: 8.0
Packing Group: II
Hazard Label: Excepted Qty
PIH: no data available

IATA

Proper Shipping Name: CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.
NOS Description: 4-(dimethylamino)azobenzene 4-sulfonyl chloride

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Packing Group: II
Hazard Label: Excepted Qty
PIH: no data available

Section 15 - Regulatory Information

EU Directives Classification

Symbol of Danger: C

Indication of Danger:

Corrosive

Risk Statements: R:

Section 15 - Regulatory Information

Safety Statements: S:
US Classification and Label Text
Indication of Danger:
Risk Statements:
Safety Statements:
US Statements:
United States Regulatory Information
SARA Listed: No
Deminimis:
Notes:
TSCA Inventory Item:
United States - State Regulatory Information
California Prop-65:
Canada Regulatory Information
WHMIS Classification:
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 2012 Supelco.
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