



COLUMBUS CHEMICAL INDUSTRIES INC.

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Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

Sodium Diphenylamine Sulfonate

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturers /Distributor Address Number Street City State and Zip Code

Columbus Chemical Industries, Inc.

N4335 Temkin Road

Columbus, WI 53925-0008

Emergency Telephone Number

CHEMTREC 1-800-424-9300

Telephone Number for Information

920-623-2140

Date Prepared

04-27-2006

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components

(Specific Chemical Identity, Common Name(s))

CAS #

OSHA PEL

ACGIH TLV

Other Limits

Recommended

% (optional)

Sodium Diphenylamine Sulfonate*

6152-67-6

Not Available

Not Available

Not Available

SYNONYMS: Diphenylamine-4-Sulfonic Acid, sodium salt

Section III - Physical/Chemical Characteristics

Boiling Point

Not Available

Specific Gravity (H2O = 1)

Not Available

Vapor Pressure (mm Hg)

Not Available

Melting Point

392°C(738°F)

Vapor Density (AIR = 1)

Not Available

Evaporation Rate (Butyl Acetate = 1)

Not Available

Solubility in Water

Soluble

Appearance and Odor

White to off-white solid.

Section IV Fire and Explosion Hazard Data

Flash Point (Method Used)

Not flammable.

Flammable Limits

LEL

UEL

Not Applicable

Not Applicable

Extinguishing Media

Noncombustible. Use any means suitable for extinguishing surrounding fire.

Special Fire Fighting Procedures

In the event of a fire, wear full protective clothing and NIOSH/MSHA-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards

Emits toxic fumes under fire conditions.

Section V Reactivity Data

Stability	Unstable		Conditions to Avoid	Incompatibles
	Stable	X		

Incompatibility Materials to Avoid

Protect from heat. Strong oxidizers.

Hazardous Decomposition or Byproducts

Carbon oxides, nitrogen oxides, sulfur oxides

Hazardous Polymerization**Conditions to Avoid**

	May Occur		Not Available
	Will Not Occur	X	

Section VI Health Hazard Data

Routes of Entry	Inhalation ?	Skin ?	Ingestion ?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

SKIN: Causes irritation and may be harmful if absorbed through the skin. EYE: Causes eye irritation.

INHALATION: May be harmful if inhaled. Material is irritating to the mucous membranes and upper respiratory tract. INGESTION: May be harmful if swallowed.

Carcinogenicity	NTP	IARC Monographs	OSHA REGULATED?
	Not Listed	Not Listed	Not Listed

Signs and Symptoms of Exposure.

EYES: Redness, pain, tearing, conjunctivitis. SKIN: Redness, swelling, pain, itchiness, rash, blistering. INGESTION:

Gastrointestinal pain. INHALATION: Pain, inflammation of mucous membranes, wheezing, sneezing, coughing.

Medical Conditions Generally Aggravated by Exposure

Unknown

Emergency and First Aid Procedures

INGESTION: If swallowed, wash out mouth with water if person is conscious. Call physician. EYES: In case of contact, immediately flush with large amounts of water. INHALATION: If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. SKIN: Immediately wash skin with soap and large amounts of water.

Section VII Precautions for Safe Handling and Use**Steps to be Taken in Case Material is Released or Spilled**

Evacuate area. Wear NIOSH/MSHA-approved respirator, chemical-resistant goggles, rubber boots, apron and rubber gloves. Sweep up and place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Waste Disposal Method Dispose of according all federal, state, and local regulations.

Precautions to be Taken in Handling and Storing

Keep in tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage.

Other Precautions Containers, even when empty, will retain residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

Section VII Control Measures

Respiratory Protection (Specify Type) NIOSH/MSHA-approved dust respirator

Ventilation	Local Exhaust	Recommended.	Special	Eyewash nearby.
	Mechanical (General)	Required.	Other	Safety shower nearby.

Protective Gloves Chemical resistant gloves. Eye Protection Chemical Safety goggles.

Other Protective Clothing or Equipment Rubber boots and clean body covering clothing.

Work /Hygienic Practices Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work area. Avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing. Wash thoroughly after handling. Avoid raising dust.

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