

Material Safety Data Sheet

1. Product and Company Identification

Catalog Numbers: 39B4-0

Product Name

Trade Name: Dimethyl 5-sulfoisophthalate sodium salt hydrate

Synonyms: -

Manufacturer & Distributor

Company Name: Reagent World, Inc.

Address: 2048 E. Francis Street

City: Ontario

State: California

Postal Code: 91761

Country: USA

Business/Emergency

Phone: 909-947-7779

Fax: 909-947-9595

URL: <http://www.ReagentWorld.com>

2. Hazards Identification

Emergency Overview: -

Potential Health Effects

Eye: May cause eye irritation

Skin: May cause skin irritation

Ingestion: May cause irritation of the digestive tract

Inhalation: May cause respiratory tract irritation

Chronic: -

3. Composition/Information on Ingredients

Chemical Name: Dimethyl 5-sulfoisophthalate sodium salt hydrate

Molecular Formula: C₁₀H₉NaO₇S

Molecular Weight: 296.23

Content: 98%

CAS Number: 3965-55-7

EINECS NO. [EC No]: 223-578-8

4. First Aid Measures

Eye: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation: Remove from exposure and move to fresh air immediately.

5. Fire Fighting Measures

General Information: wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing: use water, dry chemical, chemical foam, or alcohol-resistant foam.

6. Accidental Release Measures

General Information: Use proper personal protective equipment as listed in Section 8.

Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal.

7. Handling and Storage

Handling: Refer to section 8

Storage:	1.Keep in a cool,dry place 2.Keep container tightly closed
8. Exposure Controls/Personal Protection	
Engineering Controls:	Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower facility.
Personal Protective Equipment	
Eyes:	Wear chemical safety goggles.
Skin:	Wear appropriate protective gloves.
Clothing:	Wear appropriate protective clothing.
Respirators:	Wear NIOSH/MSHA - approved respirator
9. Physical and Chemical Properties	
Physical State:	Powder
Color:	white
Odor:	-
Boiling Point:	-
Melting Point :	>300
Vapor Pressure :	-
Specific Gravity :	-
PH:	-
Solubility in Water :	soluble
Flash Point:	-
Autoignition Temperature :	-
Decomposition Temperature :	-
10. Stability and Reactivity	
Chemical Stability:	Stable under normal temperatures and pressures
Conditions to Avoid:	Incompatible materials
Incompatibilities with Other:	Strong oxidizing agents.
Hazardous Decomposition Products :	Carbon monoxide, oxides of sulfur, irritating and toxic fumes and gases, carbon dioxide.
Polymerization :	Has not been reported
11. Toxicological Information	
RTECS#:	CAS# 3965-55-7: DB5044550
Toxicity Data[LD50/LC50]:	CAS# 3965-55-7: Draize test, rabbit, eye: 100 mg/24H Moderate.
Carcinogenicity:	-
Other:	See actual entry in RTECS for complete information.
12. Ecological Information	
Ecotoxicity:	-
Other:	-
13. Disposal Considerations	
Disposal considerations:	Contact a licensed professional waste disposal service to dispose of this material in a manner consistent with federal, state and local environmental regulations
14. Transport Information	
Shipping Name:	-
Hazard Class:	-
UN Number:	-
Packing Group:	-
15. Regulatory Information	
European/International Regulations:	-
European Labeling in Accordance with EC Directives	
Hazard Symbols:	1.Xi
R-Phrases:	Not available

S-Phrases:	1.Avoid contact with skin. S24/25 Avoid contact with skin and eyes. 2.Avoid contact with eyes.
WGK(Water Danger/Protection):	-
US Federal TSCA:	CAS# 3965-55-7 is listed on the TSCA inventory.
16. Other Information	
Other information:	The above information is believed to be accurate but does not suppose to be all inclusive and shall be used only as a guide. Reagent World makes no warranty of merchantability or any other warranty, express or implied, with respect to such information. Users should make their own investigations to determine the accountability of the information for their purposes in particular. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential of exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

SALES SPECIFICATION	
APPEARANCE	white powder
PURITY	98.0% min
WATER	0.5% max
SAPONIFICATION VALUE	375 - 381 KOH mg/g
Fe	5ppm max
TRANSPORTATION	
PACKING	25kgs in bag
HAZARD CLASS	not regulated
UN NO.	
OTHER INFORMATION	
Hazard Symbols: n/a Risk Phrases: n/a, Safety Phrases: 24/25-28A-37-45	