

Safety Data Sheet

(as per Industrial Safety & Health Act, Article 10 Paragraph 1)

Version: 1.0

Product name: DIMETHYL-5-SULFOISOPHTHALATE SODIUM SALT

Revision date: 08/05/2012

Printing date: 08/05/2012

Section 1: Product and company identification

1.1 Product name:

Substance name: DIMETHYL-5-SULFOISOPHTHALATE SODIUM SALT
CAS No.: 3965-55-7

1.2 Recommended use of the chemical and restrictions on use:

Recommended use : Mainly used in producing Dacron, film, etc., especially in the field of Dacron as the third monomer of cation modified polyester (CDP).
Restrictions on use : No information available.

1.3 Manufacturer/Supplier/Distributor Information:

Manufacturer: WEIFANG WORLD CHEMICAL CO.,LTD
Address: 7F,RENHE BUILDING,NO.399, XUANWU STREET,WEIFANG ECONOMIC DEVELOPMENT DIST,SHANDONG,CHINA
Postal code: 261031
E-mail: robertjiangchina@gmail.com
Telephone: +86 536 8667116
Fax: +86 536 8898167

1.4 Emergency telephone number:

In China: +86 536 8667116 (only office hours available.)

Section 2: Hazards identification

2.1 Hazard Classification:

This product is not classified as hazardous.

2.2 Label elements including precautionary statements:

Symbol: No pictogram is used.
Signal word: No signal word is used.
Hazard Statement: No hazard statement.
Precautionary statements: No precautionary statement.

2.3 Other Hazard which are not included in the classification criteria:

No information available.

Section 3: Composition/information on ingredients

Chemical name	CAS No.	Content (%)
DIMETHYL-5-SULFOISOPHTHALATE SODIUM SALT	3965-55-7	99.5 %

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Section 4: First aid measures

4.1 Inhalation:

Fresh air, rest. Refer for medical attention.

4.2 Skin contact:

Rinse skin with plenty of water or shower.

4.3 Eye contact:

First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

4.4 Ingestion:

Rinse mouth. Rest. Refer for medical attention.

4.5 Acute and delayed symptoms/effects:

No information available.

4.6 Indication of the immediate medical attention and notes for physician:

No information available.

Section 5: Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Dry chemical fire extinguishers, carbon dioxide fire extinguishers. Fight larger fires with water jet or alcohol-resistant foam.

Unsuitable extinguishing media: For this product no limitations of extinguishing agents are given.

5.2 Special hazards arising from the chemical:

Can be released in case of fire:

Carbon monoxide.

Carbon dioxide.

Sulphur oxides (SO_x).

Sodium oxide.

5.3 Special protective equipment and precautions for fire-fighters:

Fire Fighting Procedures:

Keep people away. Isolate fire and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. Use fine water spray or foam. Cool surroundings with water to localize fire zone. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires.

Special Protective Equipment for Firefighters:

Wear self-contained breathing apparatus and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

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Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid breathing vapors, mist or gas.
Ensure adequate ventilation. Evacuate personnel to safe areas.
Spilled material may cause a slipping hazard. Use appropriate safety equipment.
See section 8 for information on personal protection equipment.

6.2 Environmental precautions and protective procedures:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and material for containment and cleaning up:

Contain spilled material if possible. Sweep up.
Collect in suitable and properly labeled containers.
See Section 13, Disposal Considerations, for additional information.

Section 7: Handling and storage

7.1 Precautions for safe handling:

No smoking, open flames or sources of ignition in handling and storage area. Avoid breathing process fumes. Use with adequate ventilation. Keep containers tightly sealed.

7.2 Conditions for safe storage (including any incompatibilities):

Store in cool place.
Keep container tightly closed in a dry and well-ventilated place.
Store in accordance with good manufacturing practices.

Section 8 : Exposure controls & personal protection

8.1 Control parameters:

Occupational exposure limit values:

There are no currently occupational exposure limit values established.

8.2 Appropriate engineering controls:

Use adequate general or local exhaust ventilation.

8.3 Personal protective equipment:

Eye protection:	Use safety glasses.
Body protection:	Wear clean body-covering clothing to prevent skin exposure.
Hand protection:	Chemical protective gloves should not be needed when handling this material.
Respiratory protection:	Use breathing protection with high concentrations

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Section 9: Physical and chemical properties

9.1 Appearance:	white Powder
9.2 Odour:	No data available.
9.3 Odour threshold:	No data available.
9.4 pH:	Not applicable.
9.5 Melting point:	>300°C
9.6 Boiling point:	No data available.
9.7 Flash point:	Not applicable.
9.8 Evaporation rate:	Not applicable.
9.9 Flammability:	No data available.
9.10 Upper/lower flammability or explosive limits:	No data available.
9.11 Vapour pressure:	Not applicable.
9.12 Solubility(ies):	No data available.
9.13 Vapor density:	Not applicable.
9.14 Relative density:	Not applicable.
9.15 Partition coefficient, n-octanol/water:	Not applicable.
9.16 Auto-ignition temperature:	No data available.
9.17 Decomposition temperature:	No data available.
9.18 Viscosity:	Not applicable.
9.19 Formula mass:	Not applicable.

Section 10: Stability and reactivity

10.1 Chemical stability:

Stable under normal temperature conditions and recommended use.

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10.2 Possibility of hazardous reactions:

No hazardous reactions if stored and handled as prescribed/indicated.

10.3 Conditions to avoid:

Incompatible materials.

10.4 Incompatible materials:

Oxidizing agents. Carbon monoxide.

Carbon dioxide.

Sulphur oxides (SO_x).

Sodium oxide.

10.5 Hazardous decomposition products:

Decomposition products depend upon temperature, air supply and the presence of other materials. Processing may release fumes and other decomposition products.

Section 11: Toxicological information

11.1 Information on the likely routes of exposure:

By respiratory organ: Inhalation is unlikely under normal conditions.

By mouth: Ingestion is unlikely under normal conditions. Harmful if swallowed.

By skin and eye contact: No data available.

11.2 Information on toxicological effects:

Acute toxicity:

No data available.

Skin corrosion/irritation:

No information available.

Serious eye damage/irritation:

No information available.

Respiratory or skin sensitization:

No sensitizing effect known.

Carcinogenicity:

No classification data on carcinogenic properties of this material is available from EPA, IARC, NTP, OSHA or ACGIH.

Germ Cell Mutagenicity:

No information available.

Reproductive Toxicity:

No information available.

STOT-Single Exposure:

No information available.

STOT-Repeated Exposure:

No information available.

11.3 Numerical measures of toxicity:

No information available.

Section 12: Ecological information

12.1 Aquatic and terrestrial ecotoxicity:

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Quantitative data on the acute fish/daphnia/bacteria toxicity of this product are not available.

12.2 Persistence and degradability:

No information available.

12.3 Bioaccumulative potential:

No information available.

12.4 Mobility in soil:

No information available.

12.5 Other adverse effects:

No other relevant information available.

Section 13: Disposal considerations

13.1 Disposal methods:

Do not dump into any sewers, on the ground, or into any body of water. All disposal practices must be compliance with all federal, state and local laws and regulations. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. If incineration is used, take precautions to guard against the formation of explosive dust air mixtures when handling combustible powders.

13.2 Disposal precaution:

Observe all federal, state and local regulations when disposing of this product.

Section 14: Transport information

14.1 UN number:	Not regulated.
14.2 UN proper shipping name:	Not regulated.
14.3 Transport hazard class:	Not regulated.
14.4 Packing group (if applicable):	Not regulated.
14.5 Marin pollution (Yes/No):	No
14.6 Special precaution:	No information available.

Section 15: Regulatory information

15.1 Industrial Safety and Health Act:	Not determined
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15.2 Toxic Chemical Control Act:

Korean Existing Chemicals Inventory: The substance listed in the Inventory.

15.3 Dangerous Material Safety Control Act:

Not determined

15.4 Wastes Management Act:

Waste disposal must comply with national and local laws.

15.5 Other requirements in domestic and other countries:

CAS No.	EU EINECS	USA TSCA	Canada DSL	Australia AICS	Japan ENCS	China IECSC
3965-55-7	Listed	Listed	Listed	Not listed	Listed	Listed

Section 16: Other information

16.1 Sources for data and references:

Provided by company.

16.2 Revision Information:

Date of the previous revision: Not applicable.

Date of this revision: 08/05/2012.

Revision summary: The first new SDS

16.3 Training advice:

Provide adequate information, instruction and training for operators.

16.4 Declare to reader:

The information in this SDS is provided all the relevant data fully and truly. However, the information is provided without any warranty on their absolute extensiveness and accuracy. This SDS was prepared to provide safety preventive measures for the users who have got professional training. The personal user who obtained this SDS should make independent judgment for the applicability of this SDS under special conditions. In these special cases, we do not assume responsibility for the damage.

----- End of the SDS -----