



MATERIAL SAFETY DATA SHEET

Sulphur Black MSDS

Supplier Information

Supplier	Tianjin Shenyuan Chemical Co.,Ltd
Address	No.71 YueYang Road, Heping District,Tianjin,China
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Sample Information

Sample Name	Sulphur Black 2BR,3B
Sample Description	2BR,3B (240%)
Article/Model No.	N/A

MSDS Information

Requirement	According to 2001/58/EC Directive
Issue Date	Nov.5, 2007
Yielder	Hangzhou IDO Technic Service Co., Ltd

Notes:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This data sheet may only be reproduced and distributed in full.

Approval by : XIANZHEN LIN (Technical Department Manager)

Date : 2007-11-05



Material Safety Data Sheet

1 Identification of the substance/preparation and of the company/undertaking

.Product details

- .Trade name:** Sulphur Black
.Application of the substance: For dyeing
.Manufacturer/Supplier:

Tianjin Shenyuan Chemical Co.,Ltd
No.71 Yueyang Road,Heping District,Tianjin,China

- .Tel:** +86-22-58689106
.Fax:+86-22-58689105

.Further information obtainable from:

Tianjin Shenyuan Chemical Co.,Ltd.

.Information in case of emergency:

Tianjin Shenyuan Chemical Co.,Ltd
Lydia Zhao
Tel: +86 22 58689106

2 Composition/information on ingredients

.Chemical characterization

.Description: Mixture of substances listed below with no hazardous additions.

Chemical Name	CAS:	Composition (in % by weight)	EINECS:
Sulphur Black	1326-82-5	100	215-444-2

Synonyms: *sulfur black, sulfur black 1, 2,4-Dinitro-phenol sulfurised; C.I. 53185*

3 Hazards identification

Acute health effects

.Eye : May cause eye irritation.



- .Skin :** May cause skin slight irritation.
- .Ingestion :** May cause irritation.
- .Inhalation :** May cause slight irritation.

Chronic health effects

- .Inhalation cancer risk:** Not a recognized or suspect carcinogen.
- .Ingestion cancer ris:** Not a recognized or suspect carcinogen.

Repeated or prolonged exposure is not known to aggravate medical condition.

4 First aid measures

.After inhalation :

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

.After skin contact :

Wash with soap and water. Get medical attention if irritation develops.

.After eye contact :

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

.After ingestion :

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

.Note to Physician : Treat symptomatically and supportively.

5 Fire-fighting measures

.Flammability of the Product :

May be combustible at high temperature, or in presence of open flame.

.Suitable Extinguishing Agents :

Small Fire: Use DRY chemical powder.

Large Fire: Use water spray, fog or foam. Do not use water jet.



.Hazardous Decomposition Products:

carbon monoxide, carbon dioxide, nitrogen dioxide, nitrogen monoxide, sulfur dioxide

.Fire Fighting Procedures :

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full-face place operated in the pressure demand or other positive pressure mode. Fight fire from the maximum distance. Evacuate area.

.Fire Hazards in Presence of Various Substances:

Slightly flammable to flammable in presence of open flames and sparks, of heat.

.Special fire fighting procedures :

Do not direct a solid stream of water or foam into burning molten material; this may cause spattering and spread the fire.

6 Accidental release measures

.Person-related Safety Precautions :

Wear appropriate personal protective equipment as specified in Section 8.

.Measures for Cleaning/Collection :

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7 Handling and storage

.Precautions :

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/vapor/spray. Keep away from incompatibles such as oxidizing agents.

Handle with good industrial practices. See for example the ETAD publication "Guidelines for Safe Handling of Dyes".

.Handling : Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid breathing spray or mist.

.Storage : The product must be stored in shade, dry & well-ventilated warehouse. Avoid to be contacted



with oxidizing chemicals and combustible organic substances. Keep it away from direct sunlight, heat, sparks and open flames. Carefully handle the product and avoid damaging the package.

8 Exposure controls/personal protection

.Engineering Controls :

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

.Exposure Limits :

Not Available

Personal Protection equipment :

.Respiratory Protection :

Use with adequate ventilation, Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

.Ventilation Protection :

Use general ventilation under normal use condition. Local exhaust meeting ACGIH criteria as needed.

.Protective Clothing :

Wear appropriate protective clothing to minimize contact with skin. Lab coat.

.Protective Gloves :

Wear appropriate gloves to prevent skin exposure, impervious.

.Eye Protection :

Safety glasses.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Ventilation :

.Local exhaust : MSHA/NIOSH approved dust respirator. Appropriate respirator depends upon type and magnitude of exposure.



9 Physical and chemical properties

.General Information	
Form:	Solid(sheet or granular)
Color:	Black
Odor:	Odorless
.Change in condition	
Melting point/Melting range:	Not Available
Boiling point/Boiling range:	Not Available
.Flash point:	Not Available
.Self-igniting:	Not Available
.Danger of explosion:	Not Available
.Density:	Not Available
.Relative density:	0.55(Water = 1)
.Vapor density:	Not Available (Air=1)
. Vapor Pressure:	Not Available
.Evaporation rate	Not Available
.Solubility in/Miscibility with Water or others:	Insoluble in water and alcohol
.PH-Value:	Not Available
.Viscosity:	
Dynamic:	Not Available

10 Stability and reactivity

.Stability :

The product is stable.

.Conditions of Instability :

excess heat, incompatibles

.Incompatibility with various substances:

Reactive with oxidizing agents,

.Hazardous Decomposition :

carbon monoxide, carbon dioxide, nitrogen oxides

.Hazardous Polymerization :

Has not been reported.



.Conditions to avoid :

High temperature, open flame, sparks , other incompatible materials and combustible organic substances.

11 Toxicological information

.Please refers to section 3 for hazards identification.

.Routes of Entry :

Eye, inhalation, ingestion

. Toxicity to Animals:

Not Available

12 Ecological information

. Estimated Environmental Impact of this Product:

It has biochemical oxygen demand, potential to affect some aquatic organisms, potential to bioconcentrate. The direct instantaneous discharge to a receiving body of water of an amount of this chemical, which will rapidly dilute, is not expected to cause adverse environmental effects.

.Toxicity of the Products of Biodegradation :

Not Available

.BOD5 and COD:

Not Available

13 Disposal considerations

.General Information :

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Contact state, local, municipal organizations for specific disposal and clean up requirements.

.Waste Disposal Methods :

Waste must be disposed of in accordance with federal, state and local environmental control regulations.



14 Transport information

.Sea Transport:

IMDG/GGVSee: NOT CLASSIFIED.

Proper technical name: dye, solid

Remarks: Keep away from food

.Air Transport:

ICAO/IATA : NOT CLASSIFIED.

Proper technical name: dye, solid

Remarks: Keep away from food

15 Regulatory information

European/International Regulations

This product is not classified according to the EU regulations.

European Labeling in Accordance with EC Directives

Hazard Symbols : N/A

Risk phrases : N/A

Safety phrases : N/A

HMIS (U.S.A.) :

Not Available

National Fire Protection Association (U.S.A.) :

Not Available

Canada - DSL/NDSL : N/A

Canada – WHMIS : N/A

For details regulations you should contact the appropriate agency in your country.

16 Other information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability



resulting from its use. this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

.Emergency Telephone Number :

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.Department issuing MSDS :

Tianjin Shenyuan Chemical Co.,Ltd

.Contact :

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*****The End*****