

## Material Safety Data Sheet

### Section 1 – Chemical Product and Company Information

Chemical Name	2-Methoxy-4-phenylamino benzenediazonium sulfate
Chemical Formula	C <sub>13</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub> S
Company Identification	Showa Kako Corporation 18-23 Yoshino-cho, Suita City Osaka pref., 564-0054 JAPAN
Telephone Number	+81-6-6384-1501
24-hour Emergency Telephone Number	+81-6-6384-1501
Fax Number	+81-6-6384-2287

### Section 2 – Hazards Identification

Inhalation	Dust from the product, if present, may cause respiratory irritation following an excessive inhalation exposure.
Skin	May produce skin Irritation.
Eyes	May cause eye Irritation.
Ingestion	Not expected to present a significant ingestion hazards under anticipated condition of normal use.
<b>GHS Classification</b>	
<b>Physical Hazards</b>	
Explosives	Classification not possible
Flammable gases	Not classified
Flammable aerosols	Not classified
Oxidizing gases	Not classified
Gases under pressure	Not classified
Flammable liquids	Not classified
Flammable solids	Classification not possible
Self-reactive substances and mixtures	Classification not possible
Pyrophoric liquids	Not classified
Pyrophoric solids	Out of category
Self-heating substances and mixtures	Classification not possible
Substances and mixtures, which in contact with water, emit flammable gases	Not classified
Oxidizing liquids	Not classified
Oxidizing solids	Classification not possible
Organic peroxides	Not classified
Corrosive to metals	Classification not possible
<b>Health Hazards</b>	
Acute toxicity (oral)	Classification not possible
Acute toxicity (dermal)	Classification not possible
Acute toxicity (inhalation: gas)	Not classified
Acute toxicity (inhalation: vapour)	Not classified
Acute toxicity (inhalation: dust, mist)	Not classified
Skin corrosion / irritation	Category 2
Serious eye damage / eye irritation <input type="checkbox"/>	Category 2A
Respiratory/skin sensitizer	Classification not possible
Germ cell mutagenicity	Not applicable
Carcinogenicity	Not applicable
Toxic to reproduction	Classification not possible
Specific target organs/systemic toxicity following single exposure	Classification not possible
Specific target organs/systemic toxicity following repeated exposure	Classification not possible
Aspiration hazard	Classification not possible
<b>Environmental Hazards</b>	

Hazardous to the aquatic environment (acute)	Classification not possible
Hazardous to the aquatic environment (chronic)	Classification not possible
GHS Symbol	 GHS07
Signal word	Warning

### Section 3 – Composition and Information on Ingredients

Chemical Name	2-Methoxy-4-phenylamino benzenediazonium sulfate
CAS #	36305-05-2
UN #	Not applicable
Percent	0.99

### Section 4 – First Aid Measures

Eyes	Immediately flush eyes with copious amounts of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Consult with ophthalmologist.
Skin	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Consult with a physician if symptoms occur.
Ingestion	Immediately wash mouth with plenty of water and give 1 – 2 cupfuls of milk or water if victim is conscious and alert. Consult with a physician.
Inhalation	Remove to fresh air, wash out nasal aperture and mouth with plenty of water. If breathing is difficult, give artificial respiration. If not breathing, give oxygen. Consult with a physician.

### Section 5 – Fire Fighting Measures

Flash Point	No data found	
Autoignition	None	
Explosion Limits	Lower Upper	No data found No data found
Extinguishing Media	Water, powder, carbon dioxide, foam	
Fire Fighting Instructions	Avoid non-fire fighting equipped personnel to enter. Extinguish upwind from the fire wearing appropriate protective gear.	

### Section 6 – Accidental Release Measures

Spills/Leaks	Evacuate spill area. Provide adequate ventilation. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Do not contact with skin. Do not inhale. Wash spill site after material pickup is complete.
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### Section 7 – Handling and Storage

Handling	Wear appropriate protective gear. Do not contact with eyes, skin and on clothing. Do not expose to fire, high temperature, shock and friction. Facilities must be equipped with countermeasure against static electricity.
Storage	Keep container tightly closed. Avoid such conditions as direct sunlight, high temperature, high humidity and high piling. Store in low-humid, low-temperature area.

### Section 8 – Exposure Controls / Personal Protection

Engineering Controls	Facilities storing or utilizing the material should be equipped with an eye wash facilities and a safety shower. Use adequate ventilation to keep airborne
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	concentrations low.
<b>Exposure Limits</b>	Not data found
<b>Personal Protective Equipment</b>	
<b>Eyes</b>	Safety goggles
<b>Skin</b>	Rubber gloves
<b>Clothing</b>	Protective clothing and rubber boots
<b>Respirators</b>	Anti-dust mask

**Section 9 – Physical and Chemical Properties**

<b>Physical State</b>	Crystalline powder
<b>Appearance</b>	Yellow
<b>Odor</b>	None
<b>Boiling point</b>	No data found
<b>Melting point</b>	No data found
<b>Density</b>	No data found
<b>Viscosity</b>	No data found
<b>pH value</b>	8.5 ± 1.0
<b>Flash Point</b>	No data found
<b>Autoignition</b>	No data found
<b>Explosibility</b>	No data found
<b>Vapor Pressure</b>	No data found
<b>Vapor Density</b>	No data found
<b>Solubility</b>	Soluble in water
<b>Molecular Weight</b>	323.33

**Section 10 – Stability and Reactivity**

<b>Stability</b>	Unstable to light and heat, decomposed and degraded by light and heat.
<b>Conditions to avoid</b>	Light and heat
<b>Incompatibilities with Other Material</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products</b>	Toxic gases of Carbon Monoxide, Nitrogen Oxides, and Sulfur Oxides
<b>Hazardous Polymerization</b>	Will not occur

**Section 11 – Toxicological Information**

<b>RTECS #</b>	No data found
<b>LD50/LC50</b>	No data found
<b>Carcinogenicity</b>	No data found
<b>Mutagenicity</b>	No data found
<b>Reproductive Effects</b>	No data found
<b>Teratogenicity</b>	No data found
<b>Immunology</b>	No data found
<b>Irritation</b>	May cause irritation to eyes, skin and mucous membrane

**Section 12 – Ecological Information**

<b>Ecotoxicity</b>	No data found
<b>Environmental Standard</b>	No data found

**Section 13 – Disposal Consideration**

<b>Disposal Method</b>	Federal (national), state or local laws and regulations will determine the proper waste disposal method.
<b>Regulations</b>	Federal (national), state or local laws and regulations

**Section 14 – Transport Information**

<b>Shipping Name</b>	Not applicable
<b>Hazard Class</b>	Not applicable
<b>UN #</b>	Not applicable
<b>Packing Group</b>	Not applicable

**Section 15 – Regulatory Information**

<b>United States</b>	<b>TSCA</b>	36305-05-2
<b>EC</b>	<b>EINECS</b>	252-959-1
	<b>R Phrases</b>	R36 Irritating to the eyes
		R37 Irritating to the respiratory system
		R38 Irritating to the skin
<b>S Phrases</b>	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
	S37 Wear suitable gloves	
	S39 Wear eye/face protection	
<b>Canada</b>	<b>WHMIS</b>	No data found
<b>Japan</b>	<b>PRTR Law</b>	Not applicable

**Section 16 – Other Information**

<b>MSDS Creation Date</b>	January 31, 2001
<b>Revised Date</b>	March 31, 2014
<b>Revised No.</b>	Revised 4th
<b>MSDS No.</b>	G1054

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