

Otto Chemie Pvt Ltd

An ISO 9001 : 2015 & GMP Certified Company
Office : No 603, 6th Floor, Tardeo AC Market, 87, Tardeo Road,
Tardeo, Mumbai, Maharashtra 400034, India (BHARAT)
Tel : + 91 98200 41841 Email : info@ottokemi.com Web : www.ottokemi.com

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: Product identifiers

Product Name : Sulphonazo III
Product Code : S 2778
CAS No: 68504-35-8

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use : Industrial. For professional use only.

1.3. Details of the supplier of the safety data sheet
Company identification
OTTO CHEMIE PVT LTD
No 603, 6th Floor, Tardeo AC Market, 87, Tardeo Road,
Tardeo, Mumbai, Maharashtra 400034, India (BHARAT)

1.4. Emergency telephone number
Phone no. : + 91 98200 41841 (10 : 00 am – 06 : 00 pm)

SECTION 2. HAZARD IDENTIFICATION

Classification of the substance or mixture
Based on available data, the classification criteria are not met

Label Elements

None required

Physical and Chemical Hazards

None identified.

Health Hazards

The product contains no substances which at their given concentration are considered to be hazardous to health. Environmental hazards

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Emergency Overview

The product contains no substances which at their given concentration are considered to be hazardous to health.

Physical State Powder Solid

Appearance Dark green

Odor Odorless

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No	Weight %
Tetrasodium 4,5-dihydroxy-3,6-bis[(2-sulphonatophenyl)azo]naphthalene-2,7-disulphonate	68504-35-8	100.0

SECTION 4. FIRST AID MEASURES

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention. Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

Inhalation

Remove to fresh air. Get medical attention immediately if symptoms occur.

Ingestion

Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur. Most important symptoms and effects

None reasonably foreseeable.

Self-Protection of the First Aider

No special precautions required. Notes to Physician

Treat symptomatically.

DISCLAIMER

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SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Extinguishing media which must not be used for safety reasons

No information available. Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors. Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation. Environmental Precautions

Should not be released into the environment. See Section 12 for additional Ecological Information.

SECTION 7. HANDLING AND STORAGE

Handling

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing.

Avoid ingestion and inhalation. Avoid dust formation. Storage

Keep container tightly closed in a dry and well-ventilated place. Specific Use(s)

Use in laboratories

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Monitoring methods

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust

Exposure Controls

Engineering Measures

None under normal use conditions. . Personal protective equipment

Eye Protection Wear safety glasses with side shields (or goggles) (European standard - EN166)

Hand Protection Protective gloves

Inspect gloves before use. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information)

Ensure gloves are suitable for the task: Chemical compatibility, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Remove gloves with care avoiding skin contamination. Skin and body protection Long sleeved clothing

Respiratory Protection No protective equipment is needed under normal use conditions. Large scale/emergency use Use a NIOSH/MSHA or European Standard EN 136 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced

Recommended Filter type: Particle filter

Small scale/Laboratory use Maintain adequate ventilation

Glove material Breakthrough time Glove thickness EU standard Glove comments Disposable gloves See manufacturers recommendations

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Dark green

Physical State

Powder Solid

Odor

Odorless

Odor Threshold

No data available

pH

Melting Point/Range

No data available

Softening Point

No data available

Boiling Point/Range

No information available

Flash Point No information available Method -

No information available

Evaporation Rate

Not applicable Solid

Flammability (solid,gas)

No information available

Explosion Limits

No data available

Vapor Pressure

No data available

Vapor Density

Not applicable Solid

Specific Gravity / Density

No data available

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Bulk Density	No data available
Water Solubility	No information available
Solubility in other solvents	No information available
Partition Coefficient (n-octanol/water)	
Autoignition Temperature	Not applicable
Decomposition Temperature	No data available
Viscosity Not applicable	Solid
Explosive Properties	No information available
Oxidizing	
Molecular Formula	C22H12N4Na4O14S4
Molecular Weight	776.58

SECTION 10. STABILITY AND REACTIVITY

Stability Stable under normal conditions. Hazardous Reactions None under normal processing. Hazardous Polymerization No information available. Conditions to Avoid None known.
Materials to avoid No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Toxicity to Animals:

Oral LD50 Rat: 1500 mg/kg; Dermal LD50 Rabbit: 2000mg/kg

Inhalation LC50 Rat: > 50mg/L.

Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified None. by NTP, None. by OSHA, None. by NIOSH.

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of inhalation (lung irritant).

Special Remarks on Toxicity

to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity effects Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants. Persistence and Degradability No information available

Bioaccumulative Potential No information available

Mobility in soil No information available

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors

Persistent Organic Pollutant This product does not contain any known or suspected substance

Ozone Depletion Potential This product does not contain any known or suspected substance

SECTION 13. DISPOSAL CONSIDERATIONS

Waste from Residues/Unused

Products

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification. Contaminated Packaging Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

Road and Rail Transport

IMDG/IMO

IATA

Special Precautions for User

Not Regulated

Not regulated

Not regulated

No special precautions required

SECTION 15. REGULATORY INFORMATION

Component	The Inventory of Hazardous Chemicals (2015 Edition)	List of dangerous goods GB12268-2012	T C SI	IEC SC	EINECS	T S C A	D SL	PIC CS	EN CS	IS HL	AI CS	KE CL
Tetrasodium 4,5-dihydroxy-3,6-bis[(2-	-	-	X	X	2709249	-	-	X	-		-	-

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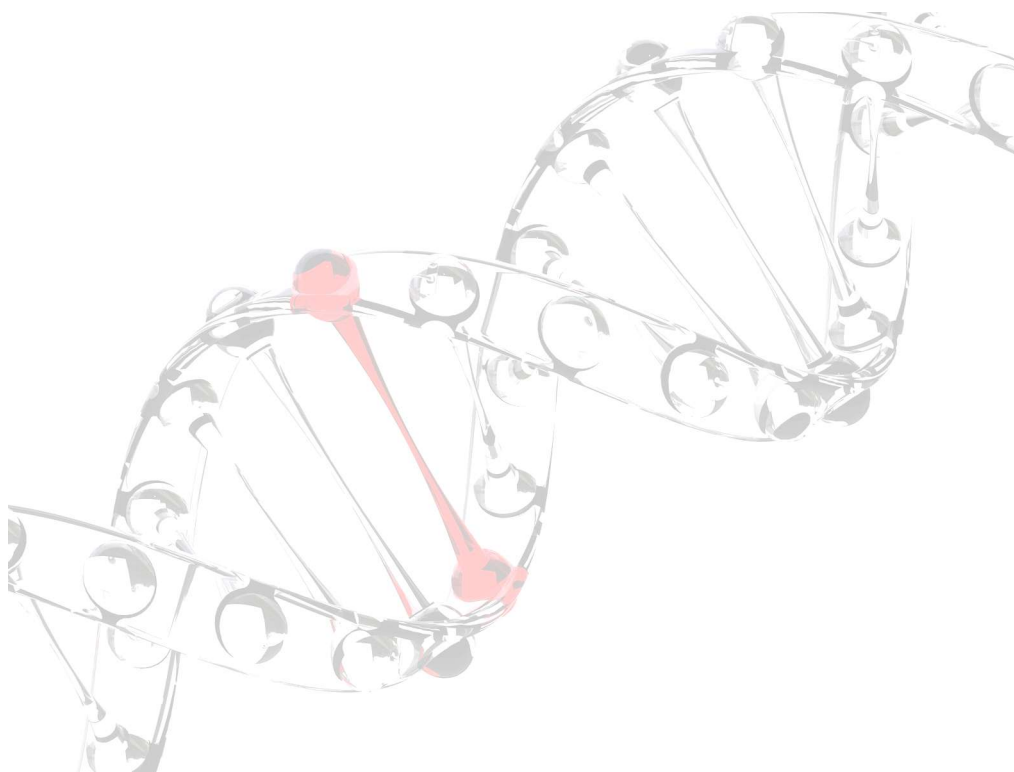
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sulphonatophenyl)azo]n aphthalene-2,7-disu lphonate												
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National Regulations

Section 16: Other Information

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products.



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