

Material Safety Data Sheet

1. Identification of substance /preparation and company

Product Information:	OBSH-75GE
Product Number	OBSH-75GE
Information of supplier	Huangyan Zhedong Rubber Auxiliary IMP.&EXP Co.,Ltd
Address	21F, General Chamber of Commerce Building, Laodong Beilu, HuangYan, TaiZhou, ZheJiang, China
Emergency Phone/Fax	86-576-84215382

2. Composition/Information on Ingredients

Single:

English Name	4,4-oxydibenzenesulfonyl hydrazide
Synonyms	OBSH
Chemical Abstract Number (CAS NO)	80-51-3
Percentage for Chemical Ingredient(%)	75%

mixture:

Chemical Character:		
Hazardous Components Name	Concentration /Percentage	Hazard Symbols
4,4-oxydibenzenesulfonyl hydrazide	74%-76%	-
EPDM/SBR binder	24%-26%	-

3. Hazard Identification

Harmful if swallowed. Irritating to eyes. May cause sensitization by skin contact.
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4. First Aid Measure

Emergency First Aid Procedure:	
Inhalation	Remove person to fresh air. If not breathing, give artificial respiration .If breathing is difficult ,get immediate attention.
Skin contact	In case of contact, immediately flush skin with plenty of soap and water. Remove contaminated clothing and lauder before reuse.
Eye contact	In case of contact, immediately flush skin with plenty of soap and water.
Ingestion	If swallowed, call a physician .
Promote to Doctor	Treat symptomatically.

5. Fire Fighting Measure

Flash Point (°C)	301 °C
Flash Point Method	Open Cup
Auto Ignition Temp (°C)	270 °C
Lower Explosion Limit in Air (TEL)	Not Determined
Upper Explosion Limit in Air (UEL)	Not Determined

Suitable Extinguishing Media	Water, Carbon Dioxide, Foaming, Drying Powder
Special Exposure Hazards	Fighting fire from a safe distance and from a protected location.
Special Protective Equipment	Full protective clothing and approved self-contained breathing apparatus required for fire fighting person.
Unusual fire /Explosion Hazards	Not explosion

6. Accidental Release Measures

Spill Procedure	Wear protective equipment specified .Avoid generation of dust. Sweep, vacuum or shovel and place into closable container for disposal .
Procedure for cleaning /Absorption	Isolate area and remove sources of friction ,impact, heat, low level electrical current and RF energy.
CERCLA Reportable Quantity(RQ)	Not Applicable

7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Avoid generation or breathing dust. Wash with soap and water after handling .Wash hands before eating, drinking.
Storage	Store closed containers in a cool ,dry, well-ventilated area. Store away from strong oxidizing martial. Avoid exposure to direct sunlight .

8. Exposure control /Personal protection

Personal protection equipment	
Respiratory Protection	Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure. Fire fighting use a positive pressure demand full face self contained breathing apparatus.
Hand Protection	Rubber gloves
Eye Protection	Goggles
Skin \$body Protection	Normal work coveralls. Wash the clothes before reuse it.
Ventilation	Local exhaust ventilation as necessary to control any air contaminates to within their exposure limits during use this products.
Airborne Exposure Limits	5.0mg/cm ³ (Reparable dust)

9. Physical and Chemical Properties/Characteristics.

Appearance: White granules	Form: Granule
Density: 1.21±0.04 g/cm ³	Bulk Density: Not Determined
Mooney Viscosity, ML(1+4)at50°C: 45±10	Filtration: 200mesh
Odor: N/A	Ash content(%): Not Determined
Melting Point(°F/C): N/A	Boiling Point (°F/C): N/A
Vapor Pressure: N/A	Volatile by Volume (%): N/A

PH Value: N/A	Solubility in Water : Insoluble in water and gasoline
Other Solubility : Soluble in acetone; moderately soluble in ethanol and polyethylene glycols	Viscosity: N/A
Molecular Weight : Mixture	Molecular Formula : Mixture

10. Stability and Reactivity

Stability	Stable when stored at room temperature in closed, original container. Stable under normal conditions of handling ,use and transportation. Stable if protected from heat and exposure to air.
Hazardous Polymerization	Will not occur
Conditions to avoid	Keep away from heat ,sparks and flame.

11. Toxicological Information

Acute Oral LD50(mg/Kg)	5200mg/kg
Acute Dermal LD50(mg/Kg)	>7900 mg/kg
Acute Inhalation LC50(mg/I)	Not Determined
Principle Routes of Exposure	Eyes ,Inhalation, Dermal-skin.
Cancer Commentary	No comment
Other factors	Unknown

12. Ecological Information

Possibility of Environmental Impact/Move:		
Ecological Feeding Information	Acute Fish Toxicity	96Hr LC50 Rainbow Trout=5.4mg/l 96Hr LC50 Bluegill Sunfish=7.9mg/l 96Hr LC50 Fathead Minnow= > 1000mg/l
	Acute Crustaceans Toxicity	48Hr LC50 Daphnia Magna=18.0mg/l
	Acute Algae Toxicity	96Hr LC50 Algae (chlorophyll) =1.1 ppm 96Hr LC50 Algae (cell count) =0.9 ppm
Chemical Fate Information	Biodegradability	

13. Disposal Information

Disposal Information:	
Disposal of Waste Method	This martial is not a RCRA hazardous waste. Bury in licensed landfill or burn in an approved incinerator according to federal, state and local regulations. Empty containers should be handled in a manner not to cause dusting during collection ,transportation and disposal.
Contaminated Packaging	If empty container retains product residues ,all label precautions must be observed .Store away from ignition sources .Transport with all closures in place .Return for reuse or dispose according to national or local regulations. Dispose of container according to national or local regulations.

14. Transport Information

Land transport (ADR/RID)	
ADR class	N/A
RID class	N/A
UN number	N/A
Proper Land transport name	4,4-oxydibenzenesulfonyl hydrazide
Sea transport (IMDG-code/IMO)	
Class	N/A
UN number	N/A
Proper Shipping name	4,4-oxydibenzenesulfonyl hydrazide
Air transport (ICAO-TI/IATA-DGR)	
UN number	N/A
Class	N/A
Proper Air transport name	4,4-oxydibenzenesulfonyl hydrazide

15. Regulation Information

Annex III of European Union Directive 67/584/EEC

Annex IV of European Union Directive 67/584/EEC

Risk Phrase	R43 may cause sensitization by skin contact .
	R50/53 very toxic to aquatic organisms, may cause long-term effects in the aquatic environment .
Safety Phrase	S24 avoid contact skin.
	S37 wear suitable glove.
	S60 this material and its container must be disposed of as hazardous waste.
	S61 avoid release to the environment. Refer to special instruction/safety data sheet.

16. Other Information

Reference	No
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