

Material Safety Data Sheet

Date Prepared : DEC 15, 2013

Date Revised : 20/03/2014

1	Identification of the Substance/Preparation & the Company/Undertaking	
	Substance or Preparation Trade Name	3, 3, Dinitro Diphenyl Sulphone (DDS) CAS No.: 1228 - 53 - 1
	Company/Undertaking name & Address	NILKANTH ORGANICS Pvt. Ltd. UNIT - II Plot No. A1/3806, GIDC, Ankleshwar-393002 Dist.: Bharuch, State: Gujarat - INDIA
	Telephone:	02646 221155
	Emergency telephone number:	As above
2	Hazards Identification	
	Emergency Overview	The toxicological and physiological properties of this material have not been investigated. Use appropriate
3	Composition / Information on Ingredients	
	Chemical Name	Bis (3 - Nitrophenyl) Sulphone , 96+/- 1%
	CAS Number	1228 - 53 - 1
4	First Aid measures	
	Skin Contact:	Immediately wash skin with plenty of water for atleast 20 minutes, while removing contaminated clothing and shoes. Get medical attention especially, if irritation develops, persists, or symptoms of overexposure become apparent
	Ingestion	If swallowed, call a physician or poison control centre immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting unless instructed by medical personnel. Get medical attention
	Inhalation	Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Keep warm. Get immediate medical attention
	Eye Contact	Immediately flush eyes with plenty of water for at least 20 minutes. Assure adequate flushing of the eyes by seperating the eyelids with finers. Get immediate medical attention if irritation persists, or symptoms or oversxposure become apparent
5	Fire fighting measures	
	Flash Point	No Data
	Fire Extinguishing Media	Use dry powder or carbon dioxide when fighting a fire involving this material
	Unsuitable Media	Water extinguishers are not recommended

	Protective Equipment	As in any fire, wear self contained breathing apparatus pressure - demand, NIOSH 9approved or equivalent) and full protective gear.
6	Accidental release measures	
	Personal Precautions	Use proper personal protective equipment as listed in section 8.
	Spill Cleanup Measure	Clean up spills immediately, observing precautions in the protective equipment section. Sweep up, then place into a suitable container for disposal. Refer to Section 13 for disposal requirements
	Environmental Precautions	Do not allow material to enter drains or streams.
7	Handling and storage	
	Handling	This product should be handled only by, or under the close supervision of those properly qualified in the handling and use of potentially hazardous chemicals, who should take into account the fire, health and chemical hazard data. It should always be handled in an efficient fume hood or physiological properties of many compounds are not yet well determined and that new hazardous products may arise from reactions between chemicals. Care should be taken to prevent any chemical from coming into contact with the skin or eyes and from contamination personal clothing.
	Storage	Store in a cool, dry, well ventilated area away from sources of heat and incompatible substances. Keep container tightly closed when not in use.
	Hygiene Practices	Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling dust.
8	Exposure Controls	
	Engineering Controls	Use appropriate engineering control such as enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipments
	Skin Protection Description	Wear suitable protective clothing to prevent contact with skin.
	Hand Protection Description	Wear appropriate protective gloves. Consult glove manufacturers of glove permeability data.
	Eye / Face Protection	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European Standard EN 166.

	Respiratory Protection	A NIOSH approved air purifying respirator with an appropriated cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited to airborne concentrations that are typically within 10 times the exposure limit. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air - purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI z88.2 requirements must be followed whenever workplace conditions warrant a respirators use.
	Other Protective	Facilities storing or utilizing this material should be quipped with an eyewash facility and a safety shower.
9	Physical and chemical properties	
	Appearance:	Off White to White Coloured Fluffy Powder. (Solid)
	Boiling Point	No Data
	Melting Point	178 - 185 deg C (352.4 - 365 deg F)
	Flash Point	No Information Found
	Solubility in Water	Insoluble
	Density	No Information Found
	Molecular Formula	C12H8N2O6S
	Molecular Weight	308.27
10	Stability and reactivity	
	Conditions to Avoid	High Temperatures, Flames and Sparks
	Incompatibilities with other materials	Strong oxidizing agents, strong reducing agents
	Possible Decomposition Products	Carbon monoxide, Hydrogen Cyanide, Oxides of Nitrogen, oxides of Sulphur
11	Toxicological Information	Eye Effect : No Data reported in the cited references as of the revision date. Skin Effects : No Data reported in the cited references as of the revision date. Ingestion Effects : No Data reported in the cited references as of the revision date. Inhalation Effects : No Data reported in the cited references as of the revision date.
12	Ecological Information	Ecotoxicity : No Information Provided. Bioaccumulation : No Information Provided. Biodegradation : No Information Provided. Environmental Stability : No Information Provided.
13	Waste Disposal Methods	Consult with your state and local waste requirements or guidelines, if allpicable, to ensure compliance. Arrange disposal in accordance to the EPA and / or state and local guidelines, by a licensed disposal company.
14	Transport Information	DOT Hazard / DOT Identification Number : NO DATA
15	Regulatory Information	TSCA 9 (b) Inventory Status : Listed on the TSCA inventory. Risk Phrases : NONE Safety Phrase : S22 Do No Breathe Dust. S24 / 25 : Avoid contact with skin and eyes
16	Additional Information	N.A.

