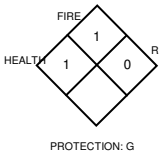


MATERIAL SAFETY DATA SHEET

Revision date: Aug 2019

1	Identification	Manufacturer Name	Nikita Transphase Adducts (P) Ltd, T-96 Tarapur MIDC, Boisar, 401 506, India Office: +91.22.2444 0141/0142	
		Product Name	Antiox-SD20	
		Trade Name(s)	Antiox-SD20	
		Chemical Name	Mixture of styrenated diphenylamines	
		Chemical Formula	$(C_6H_5.CH.CH_3) - C_6H_4.NH.C_6H_4 - (CH.CH_3.C_6H_5)$ (average)	
		Mol Wt	360-380 (average)	
2	Composition Information on Ingredients	Ingredient Name	Diphenylamine	Styrene
		Percentage	< 1%	< 1 %
		CAS Number	122-39-4	100-42-5
3	Hazards Identification 	Emergency Overview	Causes mild to moderate eye, skin and digestive tract irritation. In confined area vapors may cause headache.	
		Potential Health Effects	Short Term	Long Term
		Inhalation	May cause irritation to upper respiratory track.	Not Available
		Skin	May cause mild irritation/redness.	Not Available
		Eye	May cause irritation/redness.	Not Available
		Ingestion	Data Not Available. Safe to assume irritation and nausea.	Not Available
4	First Aid Measures	Inhalation	Remove from exposure immediately, and introduce to fresh air.	
		Skin	Remove contaminated clothing. Wash exposed areas immediately and thoroughly with mild soap and water.	
		Eye	Do not rub eyes. Flush thoroughly with water. If irritation persists consult doctor.	
		Ingestion	If possible spit out, and clean mouth. Do not induce vomiting. Seek immediate medical help.	
5	Fire Fighting Measures	Flammability Limits	IEL : N.A. UEL : N.A.	
		Extinguishing Media	CO2, Dry Chemicals, Foam	
		Flash Point	> 200 C	
		Fire Fighting Procedures	During emergency conditions, exposure to thermal decomposition/combustion products may be hazardous. Approved self-contained, fully covered breathing apparatus must be used.	
6	Accidental Release Measures	In case of Spillage or Leakage	Handle in area suitable for containment of spills. Mop up with proper equipment. Avoid release to sewers or environment. Place recovered material in properly marked containers for disposal.	
7	Handling and Storage	Precautions	Avoid prolonged breathing of vapour. Avoid prolonged/repeated dermal exposure. Use in areas with adequate ventilation. Keep from excessive heat, sources of fire or sparks.	
		Storage	Keep away from extremely hot areas, and keep containers sealed. Do not leave in open or semi open condition.	
8	Exposure Controls / Personal Protection	Skin	Use appropriate clothing/ impermeable synthetic rubber gloves to prevent exposure.	
		Ventilation	Maintain adequate flow of fresh air to maintain exposure levels minimal.	
		Respiration	If adequate ventilation not possible, use approved respiratory protection equipment.	
		Eye	Approved goggles to be used at all times.	
9	Physical & Chemical Properties	Appearance	Viscous yellowish to amber liquid	
		Odor	Organic aromatic	

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		Solubility in Water	negligible	
		Solubility in organic solvents	Methanol : negligible Toluene/Hexane : fully miscible	
		Melting Pt	NA	
		Freezing Pt	NA	
		Specific Gr	1.09+/-0.01	
		Initial BP	>200 deg C under atmospheric conditions	
		Vap. Pres	NA	
10	Stability & Reactivity	Materials to Avoid	None known.	
		Conditions to Avoid	None known.	
		Haz Decomposition Products	Normal hydrocarbon combustion products, CO, CO ₂ .	
11	Toxicology	Oral LD50	> 20000 (mg/kg) Rat	
		Dermal	> 5000 (mg/kg) Rat	
		Inhalation	NA	
12	Ecological Information		EC50 Not established Do not discharge into drains or the environment; dispose to authorized chemical waste collection point.	
13	Disposal Consideration		Incinerate concentrated liquids in authorized facility or Dispose according to local law.	
14	Transport Information	-UN Number DOT,ADR,AND,IMDG,IA TA -UN proper shipping name DOT,ADR,ADN,IMDG,IA TA -Transport hazard class DOT,AND -Packing group DOT,ADR,IMDG,IATA	Not Available	
15	Regulatory Information	EC labeling symbols	Dangerous for the Environment.	
		S Phrases	S2 S24 S37 S61	Keep out of the reach of children. Avoid contact with skin. Wear suitable gloves. Avoid release to the environment.
16	Other Information		This product is not considered hazardous under OSHA.	
		R Phrases	R22 R36 R37	Harmful if swallowed. Irritating to eyes. Irritating to respiratory system.
		S Phrases	S7 S17 S25 S26 S27 S28 S29	Keep container tightly closed. Keep away from combustible material. Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of soap-suds. Do not empty into drains

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