

**TECHNICAL DATA SHEET**

Product Name : MernoX IPPD	Spec. Ref. No. : TDS 33
Chemical Name/ Chemical Composition : N-isopropyl -N' -phenyl -p-phenylenediamine	Date of Issue : 01.06.2015
CAS Reg. No : 101-72-4	Issue No. : 5
Physical Appearance : Brown / purple flakes	Rev. No. : 0

**Product Specifications**

Characteristics	Unit	Limits		Test Method
		LSL*	USL**	
Melting point Initial Final	°C	73.0 75.0	--	ASTMD 1519A
Loss on drying (60°C / 2 hrs)	%	--	0.40	ASTMD 4571
Ash Content (760°C / 2 hrs)	%	--	0.40	ASTMD 4574

**Periodic Audit Test\*\*\***

Specific gravity @ Room Temperature	--	1.1	1.2	ASTMD 1817
Bulk Density	kg/m <sup>3</sup>	550	650	MERCHEM QWI 151

**Product Information**

Solubility	Soluble in Benzene, Carbon tetrachloride , Acetone, ethyl acetate and dichloromethane. Insoluble in water.
Classification	Antioxidant/Anti ozonant.
Discoloration and staining	Discolors white or colored products. Contact and migration staining is experienced on other surfaces in contact with rubber products containing IPPD.
Regulatory Approval Status	Regulated for use in articles in contact with food under FDA 21 CFR 177.2600 and under BfR XXI category 4 .
Toxicity data	Not a skin irritant but a skin sensitizer. Causes eye irritation. Harmful by mouth(Oral LD50 Rat 3580 mg/kg). Very toxic to aquatic organisms.
Handling and Personal protection	Avoid dust generation. Ensure good ventilation and local exhaustion of the working area. Wear gloves with long cuffs, suitable protective clothing ,Safety goggles recommended.
Storage	Always store in ambient temperature and in dry,& well-ventilated area. Avoid exposure to sun light, heat, humidity, acids, alkalis, solvents and acidic fumes.

**Package**

Paper Bag (PP Woven ESKP with inner PP liner)	25 Kg
FIBC	-
Shelf life	12 months
Colour code	Green

\*Lower Specification limit \*\*Upper Specification Limit \*\*\*Defined in Finished Goods Inspection plan

Prepared by : PG	Approved by: RBV
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