

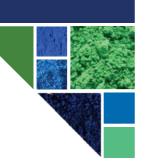
Issue Date:- 01/01/2021 To 31/12/2023

MATERIAL SAFETY DATA SHEET

	gment Phthalocyanine Blue, Beta Modification vofast Beta Blue – RF604	
ADE NAMES/SYNONYMS: Riv	vofast Beta Blue – RF604	
NERIC NAME: C.I.	C.I. Pigment Beta Blue 15:4	
NSTITUTION NUMBER: 742	74160	
S REGISTRY NUMBER: 147	147-14-8	
EMICAL FAMILY: Co _l	pper complex of Phthalocyanine	
EMICAL CLASS: Pht	Phthalocyanine Pigment	
EMICAL TYPE: Org	Organic	
PPLIER: RIV	RIVERSIDE INDUSTRIES LIMITED	
B/6	6, MIDC, LOTE-PARSHURAM, KHED, DISTRICT-	
RA	ATNAGIRI, MAHARASHTRA, INDIA -415722.	
TEI	L: +91 2356 272850	
MC	OB : +91 9049 9994 45	
EM	//AIL: riversidelote@gmail.com	
WE	EBSITE: <u>www.riversideind.com</u>	
CTION 2: COMPOSITION, INFORMATION ON INGRED	DIENTS	
MPONENT: PH	ITHALOCYANINE BETA BLUE 15:4	
RCENTAGE BY WEIGHT: 99	99	
NUMBER (EINECS): 205	205-685-1	
NGEROUS COMPONENT: No	one	
CTION 3: PHYSICAL AND CHEMICAL PROPERTIES		
YSICAL STATE: Sol	lid	
YSICAL FORM: Pov	wder	
LOR: Blu	Blue	
OR:	Odorless	
DLECULAR FORMULA: C ₃₂	₂ H ₁₆ N ₈ Cu	
DLECULAR WEIGHT: 576	576.08	
ECIFIC GRAVITY (water=1): 1.5	1.5	
ATER SOLUBILITY: Ins	Insoluble	
LK DENSITY: 0.3	0.36 gm/cc	
: No	Not Applicable	
TO IGNITION: No	Not DOT Regulated	
ERMAL DECOMPOSITION: Ha:	Hazardous decomposition Not Expected	
ILING POINT: No	Not Applicable	
ELTING POINT: No	ot Applicable	

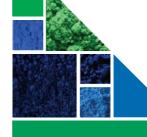
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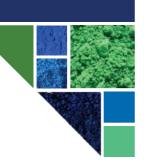




VAPOUR PRESSURE:	Not Applicable	
VAPOUR DENSITY:	Not Applicable	
VOLATILITY:	Not Applicable	
ODOR THRESHOLD:	Not Applicable	
EVAPORATION RATE:	Not Applicable	
COEFFICIENT OF WATER/OIL DISTRIBUTION:	Not Applicable	
IGNITION TEMPERATURE:	Not Applicable	
PARTITION COEFFICIENT:	Not Applicable	
VISCOSITY:	Not Applicable	
OXIDIZING PROPERTIES:	Not Applicable	
EXPLOSION LIMITS:	Not Applicable	
SECTION 4: HAZARDS IDENTIFICATION		
Potential Acute Health Effects:	Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.	
Potential Chronic Health Effects:	Hazardous in case of skin contact (irritant), of	
	eye contact (irritant), of ingestion, of inhalation.	
	CARCINOGENIC EFFECTS: Not available.	
	MUTAGENIC EFFECTS: Not available.	
	TERATOGENIC EFFECTS: Not available.	
	DEVELOPMENTAL TOXICITY: Not available.	
	The substance is toxic to kidneys, liver.	
	Repeated or prolonged exposure to the	
	substance can produce target organs damage.	
SECTION 5: FIRST AID MEASURES		
INHALATION:	Remove from exposure immediately and move	
	to fresh air. Use a bag valve mask or similar	
	device to perform artificial respiration and aid in	
	breathing.	
	Get medical attention if needed.	
SKIN CONTACT:	Remove contaminated clothing, jewelry, and	
	shoes immediately. Wash skin thoroughly with	
	soap and water. Use mild detergent and water	
	to wash clothes until no evidence of chemical	
	remains before reuse. Get medical attention, if	
	needed.	
EYE CONTACT:	Flush eyes immediately with large amount of	
	water, occasionally lifting upper and lower	
	lids, until no evidence of chemical remains.	

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	Get medical attention immediately if irritation remains.	
INGESTION:	Dilute it with water and induce vomiting. If vomiting occurs, keep head lower than hips to help prevent aspiration. Get medical attention immediately.	
SECTION 6: FIRE FIGHTING MEASURES		
FIRE AND EXPLOSION HAZARDS:	Slight fire hazard. Dust/air mixtures may ignite or explode.	
EXTINGUISHING MEDIA:	Regular dry chemical, carbon dioxide, water, or regular foam.	
LARGE FIRES:	Use regular foam or flood with fine water spray.	
FIRE FIGHTING:	Personal firefighting equipment procedure must be used or use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion byproducts. Stay upwind and keepout of low areas.	
SECTION 7: ACCIDENTAL RELEASE MEASURES		
OCCUPATIONAL/ENVIRONMENTAL RELEASE PRECAUTIONS:	Collect spilled material in appropriate container for disposal or vacuum into a receptacle. Keep out of water supplies and sewers. Keep unnecessary people away, isolate hazard area and deny entry.	
PERSONAL PRECAUTIONS:	Safety glasses, helmet, face guard, hand gloves, etc to be worn.	

SECTION 8: HANDLING AND STORAGE

Store and handle in accordance with all current regulations and standards. Keep separated from incompatible substances.

This product should be handled under conditions of good industrial hygiene.

In particular, creating and inhaling of dust is to be prevented by the use of lock exhaust ventilation during handling and weighing.

Usual precaution for nuisance dust should be observed. Store in rooted place at room temperature.

Keep container tightly sealed, protect from fire.

Keep away from source of ignition or no smoking zone.

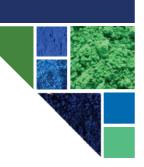
Risk of dust explosion, as with most organic powders, it may form flammable dust clouds in air. Also prevent dust collection by regular cleaning.

SECTION 9: EXPOSURE CONTROLS, PERSONAL PROTECTION

<u></u>		
EXPOSURE LIMITS:	No occupational exposure limits established.	
VENTILATION:	Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.	

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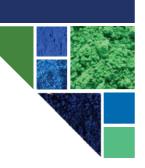




EYE PROTECTION:	Wear splash resistant safety glasses. Provide an
	emergency eye wash fountain and quick drench
	shower in the immediate work area.
CLOTHING:	Wear appropriate chemical resistant clothing.
GLOVES:	Wear appropriate chemical resistant gloves.
RESPIRATOR:	Under conditions of frequent use or heavy
	exposure, respiratory protection may be
	needed. Respiratory protection is ranked in
	order from minimum to maximum. Consider
	warning properties before use. Any dust and
	mist respirator with a full face piece. Any air-
	purifying respirator with a full face piece and a
	high-efficiency particulate filter. Any powered,
	air-purifying respirator with a full face piece and
	a high- efficiency particulate filter. For
	Unknown Concentrations or Immediately
	Dangerous to Life or Health - Any supplied-air
	respirator with full face piece and operated in a
	Pressure-demand or other positive-pressure
	mode in combination with a separate escape
	supply. Any self-contained breathing apparatus
	with a full face piece.
SECTION 10: STABILITY AND REACTIVITY	
REACTIVITY:	Stable at normal temperatures and pressure.
CONDITIONS TO AVOID:	Avoid heat, flames, sparks, fire and other sources
	of ignition. Avoid contact with incompatible
	materials.
INCOMPATIBILITIES:	Oxidizing materials
OXIDIZERS (STRONG):	Fire and explosion hazard.
HAZARDOUS DECOMPOSITION:	Thermal decomposition products: cyanides,
	oxides of carbon, nitrogen
POLYMERIZATION:	Will not polymerize.
SECTION 11: TOXICOLOGICAL INFORMAT	
MUTAGENIC DATA:	Mutation in microorganisms - Salmonella
	typhimurium 3333 ug/plate (-S9)

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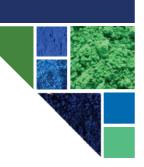








ACUTE ORAL TOXICITY (LD50)	The product is not toxic	c. LD 50 oral.		
	Rat-5000 mg/kg.			
HEALTH EFFECTS:				
INHALATION:	ACUTE EXPOSURE:	Dusts may be irritating		
		to the mucous		
		membranes.		
	CHRONIC EXPOSURE:	No data available		
SKIN CONTACT:	ACUTE EXPOSURE:	Non irritant (tested on Rabbit)		
	CHRONIC EXPOSURE:	No data available.		
EYE CONTACT:	ACUTE EXPOSURE:	Non irritant (tested on Rats).		
	CHRONIC EXPOSURE:	No data available.		
INGESTION:	ACUTE EXPOSURE:	May result in gastric disturbances		
	CHRONIC EXPOSURE:	No data available.		
SECTION 12: ECOLOGICAL INFORMAT	TION			
Avoid infiltration into waste water dra	aining or soil.			
However this product is insoluble in w	vater and it is thus not possible to gi	ve reliable information		
because of its insolubility. It is unlikely	y to be harmful to aquatic organism	S.		
SECTION 13: DISPOSAL CONSIDERATI				
Dispose in accordance with federal, st		egulations.		
Contaminated packages and containe		(0.77, 1.11)		
DISPOSAL OF PRODUCT:	Waste code No.55514	` '		
DISPOSAL OF PACKING:		Waste code No.18174 (GERMANY)		
WASTE CLASSIFICATION:	Waste code No.55514	(GERMANY)		
SECTION 14: TRANSPORT INFORMAT				
LAND/AIR/MARITIME TRANSPORT	No classification/preca	ution assigned.		
SECTION 15: REGULATORY INFORMA				
U.S. REGULATIONS:	TSCA INVENTORY STATUS:	Y		
	TSCA 12(b) EXPORT NOTIFICATION:	Not Listed		
	CERCLA SECTION 103 (40CFR302.4):	N		
	SARA SECTION 302 (40CFR355.30):	N		









	SARA SECTION 304	N
	(40CFR355.40):	
	SARA SECTION 313 (40CFR372.65)	N
	SARA HAZARD	AUCTE: N
	CATEGORIES, SARA	
	SECTIONS 311/312	
	(40CFR370.21):	
		FIRE N
		REACTIVE N
		SUDDEN N RELEASE
	OSHA PROCESS SAFTEY (29CFR1910.119):	N
STATE REGULATIONS:	CALIFORNIA PROPOSITION 65:	N
EUROPEAN REGULATIONS:	EC NUMBER (EINECS):	205-685-1
GERMAN REGULATIONS:	WATER HAZARD CLASS	1 (Self Classification by
	(WGK):	Manufactures and
	, - ,	Distributors)

SECTION 16: OTHER INFORMATION

The information mentioned in this data sheet is compiled from the different sources and our present state of knowledge thus should be taken as guideline only.

Also It should not therefore be constructed as guaranteeing specific properties of the product described or their suitability for particular application.

For detailed information regarding the health and safety data also please refer to NPIRI raw material data handbook VOL.4 pigments.