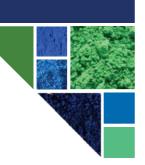


Issue Date:- 01/01/2021 To 31/12/2023

MATERIAL SAFETY DATA SHEET

SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION			
SUBSTANCE/CHEMICAL DESCRIPTION:	Pigment Phthalocyanine Blue, Beta Modification		
TRADE NAMES/SYNONYMS:	Rivofast Alpha Blue – RF602		
GENERIC NAME:	C.I. Pigment Alpha Blue 15:1		
CONSTITUTION NUMBER:	74160		
CAS REGISTRY NUMBER:	147-14-8		
CHEMICAL FAMILY:	Copper complex of Phthalocyanine		
CHEMICAL CLASS:	Phthalocyanine Pigment		
CHEMICAL TYPE:	Organic		
SUPPLIER:	RIVERSIDE INDUSTRIES LIMITED		
	B/6, MIDC, LOTE-PARSHURAM, KHED, DISTRICT- RATNAGIRI, MAHARASHTRA, INDIA -415722. TEL : +91 2356 272850 MOB : +91 9049 9994 45		
	EMAIL:riversidelote@gmail.com		
	WEBSITE:www.riversideind.com		
SECTION 2 : COMPOSITION, INFORMATION ON ING	REDIENTS		
COMPONENT:	PHTHALOCYANINE ALPHA BLUE 15:1		
PERCENTAGE BY WEIGHT:	99		
EC NUMBER (EINECS):	205-685-1		
DANGEROUS COMPONENT:	None		
SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES			
PHYSICAL STATE:	Solid		
PHYSICAL FORM:	Powder		
COLOR:	Blue		
ODOR:	Odorless		
MOLECULAR FORMULA:	C ₃₂ H ₁₆ N ₈ Cu		
MOLECULAR WEIGHT:	576.08		
SPECIFIC GRAVITY (water=1):	1.5		
WATER SOLUBILITY:	Insoluble		
BULK DENSITY:	0.36 gm/cc		
PH:	Not Applicable		
AUTO IGNITION:	Not DOT Regulated		
THERMAL DECOMPOSITION:	Hazardous decomposition Not Expected		
BOILING POINT:	Not Applicable		
MELTING POINT:	Not Applicable		

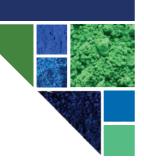








VAPOUR PRESSURE:	Not Applicable	
VAPOUR DENSITY:	Not Applicable	
VOLATILITY:	Not Applicable	
ODOR THRESHOLD:	Not Applicable	
EVAPORATION RATE:	Not Applicable	
COEFFICIENT OF WATER/OIL DISTRIBUTION:	Not Applicable	
IGNITION TEMPERATURE:	Not Applicable	
PARTITION COEFFICIENT:	Not Applicable	
VISCOSITY:	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.	
	DEVELOTIVIEITIVE TOXICITY: NOT available.	
	The substance is toxic to kidneys, liver.	
	Repeated or prolonged exposure to the	
	substancecanproduce target organs damage.	
SECTION 5: FIRST AID MEASURES	passeanoesamproduce target organis damager	
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	
	remainsbefore 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.	









	Get medicalattention 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 andkeepout of low areas.	
SECTION 7: ACCIDENTAL RELEASE MEASURES		
OCCUPATIONAL/ENVIRONMENTALRELEASE	Collect spilled material in appropriate container	
PRECAUTIONS:	for disposal or vacuum into a receptacle. Keep	
	out of water supplies and sewers. Keep	
	unnecessarypeople away, isolate hazard area and deny entry.	
PERSONAL PRECAUTIONS:	Safety glasses, helmet, face guard, hand gloves, etcto 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.

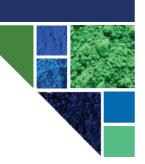
Keep container tightly sealed, protect from fire.

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>Section 5. Extraodre contributor, i ensonal i no l'ectron</u>		
EXPOSURE LIMITS:	No occupational exposure limits established.	
VENTILATION:	Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.	

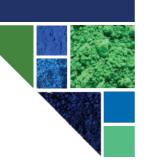








EYE PROTECTION:	Wear splash resistant safety glasses. Provide an emergency eye wash fountain and quick drench		
	shower in the immediate work area.		
CLOTHING:	Wear appropriate chemical resistant clothing.		
GLOVES:	Wear appropriate chemical resistant gloves.		
RESPIRATOR:	Under conditions of frequent 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		
	aseparateescapesupply.Anyself-		
	containedbreathing 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 withincompatible		
	materials.		
INCOMPATIBILITIES:	Oxidizing materials		
OXIDIZERS (STRONG):	Fire and explosion hazard.		
HAZARDOUS DECOMPOSITION:	Thermal decomposition products: cyanides,		
	oxidesof carbon, nitrogen		
POLYMERIZATION:	Will not polymerize.		
SECTION 11: TOXICOLOGICAL INFORMA			
MUTAGENIC DATA:	Mutation in microorganisms - Salmonella		
	typhimurium 3333 ug/plate (-S9)		

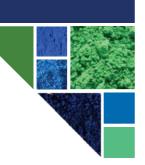








ACUTE ORAL TOXICITY (LD50)	•	The product is not toxic. LD 50 oral.		
HEALTH EFFECTS:	Rat-5000 Hig/kg.	Rat-5000 mg/kg.		
	ACUTE EVPOCUEE.	5		
INHALATION:	ACUTE EXPOSURE:	Dusts may be irritating		
		to the mucous		
		membranes.		
	CHRONIC EXPOSURE:	No data available		
SKIN CONTACT:	ACUTE EXPOSURE:	Non 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 INFORMATION				
Avoid infiltration into waste water draining	or soil.			
However this product is insoluble in water a	and it is thus not possible to gi	ve reliable information		
because of its insolubility. It is unlikely to be	e harmful to aquatic organisms	S.		
SECTION 13: DISPOSAL CONSIDERATIONS				
Dispose in accordance with federal, state, lo	ocal and all other applicable re	gulations.		
Contaminated packages and containers em				
DISPOSAL OF PRODUCT:	Waste code No.55514	Waste code No.55514 (GERMANY)		
DISPOSAL OF PACKING:	Waste code No.18174	Waste code No.18174 (GERMANY)		
WASTE CLASSIFICATION:	Waste code No.55514	(GERMANY)		
SECTION 14: TRANSPORT INFORMATION		` '		
LAND/AIR/MARITIME TRANSPORT	No classification/preca	ution assigned.		
SECTION 15: REGULATORY INFORMATION		Ü		
U.S. REGULATIONS:	TSCA INVENTORY STATUS:	INVENTORY Y		
	TSCA 12(b) EXPORT NOTIFICATION:	Not Listed		
	CERCLA SECTION 103 (40CFR302.4):	N		
	SARA SECTION 302 (40CFR355.30):	N		









	Dist		s)
	(WGK):	Manufacturesand	
GERMAN REGULATIONS:	WATER HAZARD CLASS	1 (Self Classification by	
EUROPEAN REGULATIONS:	EC NUMBER (EINECS):	205-685-1	
STATE REGULATIONS:	CALIFORNIA PROPOSITION 65:	N	
	OSHA PROCESS SAFTEY (29CFR1910.119):	N	
		SUDDEN RELEASE	N
		REACTIVE	N
		FIRE	N
	SECTIONS311/312 (40CFR370.21):		
	CATEGORIES, SARA		
	SARAHAZARD	AUCTE:	N
	SARA SECTION 313 (40CFR372.65)	N	
	SARA SECTION 304 (40CFR355.40):	N	

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.