

MATERIAL SAFETY DATA SHEET

(According to EEC Directive 91/155/EEC)

I. PRODUCT IDENTIFICATION

TRADE NAME : NAVFAST BLUE 9143 / NAVFAST BLUE 9004 / NAVFAST BLUE 9008 / NAVFAST BLUE 9144

GENERIC NAME : C.I. PIGMENT BLUE 15:3

CONSTITUTION NUMBER : 74160

CAS NUMBER : 147 - 14 - 8

CHEMICAL CLASS : Cu Phthalocyanine

CHEMICAL TYPE : ORGANIC

CHEMICAL DESCRIPTION : COPPER PHTHALOCYANINE PIGMENT

EMPIRICAL FORMULA : C₃₂H₁₆N₈Cu

II. COMPOSITION/INFORMATION OF INGREDIENTS

SUBSTANCE	CAS NO.	% BY WEIGHT
Copper Phthalocyanine Blue Crude	147-14-8	99%

III. TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY (LD50) : 5000mg/kg (tested on rats)

SKIN IRRITATION : NON IRRITANT (tested on rabbits)

ACUTE ORAL TOXICITY (LD50) : NON IRRITANT (tested on rats)

IV. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : FINE BLUE POWDER

SPECIFIC GRAVITY : 1.5

BULK DENSITY : 0.36 gm/cc

SOLUBILITY IN WATER : NEGLIGIBLE

MELTING POINT : UNDETERMINED

BOILING POINT : UNDETERMINED

VAPOUR PRESSURE : NOT APPLICABLE

PIGMENT BLUE 15:3



CIN No: U24220GJ1998PTC033736

NAV PAD PIGMENTS PVT. LTD.

A Govt. Of India Recognized Star Export House

Regd. Office & Factory: 1196/1/A & B, Ghumasan Patia Road, Chhatral - Mehsana Highway, Rajpur - 382715, Gujarat, India

T: +91-982-503-1388 / +91-2764-278338

E: exports@navpadpigments.com W: www.navpadpigments.com

V. HAZARDOUS INGREDIENTS

NONE

VI. ECOLOGICAL INFORMATION

THIS PRODUCT IS INSOLUBLE IN WATER, AND IT IS THUS NOT POSSIBLE TO GIVE RELIABLE INFORMATION BECAUSE OF ITS INSOLUBILITY. IT IS UNLIKELY TO BE HARMFUL TO AQUATIC ORGANISM.

VII. FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS LOWER-NIL, UPPER-NIL.IN AIR.

EXTINGUISHING MEDIA - WATER

SPECIAL FIRE FIGHTING -PERSONAL FIRE FIGHTING EQUIPMENT PROCEDURE MUST BE USED.

VIII. HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE- CONTACT WITH EYES AND SKIN MAY RESULT IN IRRITATION, INGESTION

MAY RESULT IN GASTRIC DISTURBANCE. INHALATION OF DUST MAY IRRITATE THE RESPIRATORY TRACT.

IX. EMERGENCY AND FIRST AID PRODCEDURE:

EYES- FLUSH EYES WITH FLOWING WATER FOR 15 MINUTES IF IRRITATION CONSULT A PHYSICIAN.

SKIN - WASH AFFECTED SKIN THOROUGHLY WITH WATER. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

INGESTION- DILUTE WITH WATER AND INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

INHALATION- MOVE TO FRESH AIR AID IN BREATHING.IF NECESSARY GIVES OXYGEN AND GET MEDICAL ATTENTION. NEVER GIVE FLUIDS OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAVING CONVULSIONS.

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X. STABILITY AND REACTIVITY DATA

DECOMPOSITION TEMPERATURE- C

DANGEROUS REACTION- NO DANGEROUS REACTIONS KNOWN

HAZARDOUS DECOMPOSITION- OXIDES OF NITROGEN & CARBON PRODUCTS.

XI. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED - IF MATERIAL IS NOT CONTAMINATED SCOOP IN TO A CLEAN CONTAINER FOR USE; IF CONTAMINATED SCOOP OR VACCUM IN TO A RECEPTACLE FOR DISPOSAL.

WASTE DISPOSAL METHOD- SANITARY LAND FILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

XII. HANDLING AND STORAGE

HANDLING: THIS PRODUCT SHOULD BE HANDLED UNDER CONDDITIONS OF GOOD INDUSTRIALHYGIENE. IN PARTICULAR, CREATING AND INHALING DUST IS TO BE PREVENTED BY THE USE OF LOCK EXHAUST VENTILATION DURING HANDLING AND WEIGHING. AS WITH MOST ORGANIC POWDERS, IT MAY FORM FLAMMABLE DUST CLOUDS IN AIR, PREVENT DUST COLLECTION BY REGULAR CLEANING.

STORAGE: STORE IN A COOL, DRY PLACE AND RESEAL CONTAINER AFTER

USE: DO NOT STORE WITH EATABLES.

XIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION- USE A DUST RESPIRATOR APPROVED BY NIOSH/MESA.

VENTILATION - LOCAL EXHAUST RECOMMENDED.

PROTECTION GLOVES- RUBBER OR PVC GLOVES.

(OTHER PROTECTIVE EQUIPMENTS NOT NECESSARY.)

EYE PROTECTION- PROTECTION AGAINST DUST PARTICLES RECOMMENDED.

XIV. TRANSPORT INFORMATION

NO SPECIAL PRECAUTIONS REQUIRED

XV. SPECIAL PRECAUTIONS

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PRECAUTIONARY LABELLING - THESE FALL IN THE NONREGULATED CLASS.
OTHER HANDLING AND STORAGE CONDITIONS - DO NOT STORE WITH EATABLES.

XVI. OTHER REGULATORY INFORMATION

TSCA - ALL COMPONENTS OF THIS PRODUCT ARE REGISTERED UNDER THE REGULATIONS OF THE TOXIC SUBSTANCES CONTROL ACT.

D.O.T. - HAZARD CLASSIFICATION (49) CFR (172): NON HAZARDOUS.

D.O.T. - LABELS REQUIRED: NONE

NOTE: THE INFORMATION MENTIONED IN THIS DATA SHEET IS COMPILED FROM THE DIFFERENT SOURCES AND SHOULD BE TAKEN AS GUIDELINE ONLY. FOR DETAILED INFORMATION REGARDING THE HEALTH AND SAFETY DATA ALSO PLEASE REFER TO NPIRI RAW MATERIAL DATA HANDBOOK VOL.4 PIGMENTS.

PREPARED BY : TECHNICAL SERVICE DEPARTMENT, NAVPAD PIGMENTS PVT.LTD.

PLACE : RAJPUR

LAST REVIEW DATE : 1ST APRIL, 2022.

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