



## MSDS – Material Safety Data Sheet

REVISION DATE: 10/23/2002

FD&C BLUE No. 1

### SECTION 1

#### PRODUCT IDENTIFICATION

TRADE NAME: FD&C BLUE No. 2  
CAS NUMBER: 3844-45-9 EINECS NUMBER: 223-339-8  
SYNONYMS: ACID BLUE 9  
CHEMICAL FAMILY: TRIPHENYL METHANE DYE  
PRODUCT CODE:

### SECTION 2

#### COMPONENTS

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>	<u>CURRENT OSHA LMT</u>
TRIPHENYL METHANE Dye	3844-45-9	88 %	N.E.
Moisture, Sod. Chloride, Sod. Sulphate	N/A	12%	N.E.

### SECTION 3

#### PHYSICAL PROPERTIES

BOILING POINT: Not Applicable  
MELTING POINT: Not Determined  
VAPOR PRESSURE: Not Applicable  
SOLUBILITY IN WATER: Soluble  
Ph (1% suspension): Not Determined  
SPECIFIC GRAVITY: 1.4  
PERCENT NON-VOLATILE: 100%  
APPEARANCE AND ODOR: Blue powder with no odor  
BULK DENSITY: 400-700 kg/m<sup>3</sup>

### SECTION 4

#### FIRE AND EXPLOSION DATA

FLASH POINT: Not Applicable  
EXTINGUISHING MEDIA: Water, DRY CHEMICAL, CO2 FOAM  
SPECIAL PROCEDURES: FIREFIGHTERS SHOULD BE EQUIPED WITH NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.  
UNUSUAL HAZARDS: MAY LIBERATE IRRITATING OR TOXIC FUMES DURING COMBUSTION OR DECOMPOSITION

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## SECTION 5

### REACTIVITY DATA

STABILITY:	STABLE UNDER NORMAL CONDITIONS
HAZARDOUS POLYMERIZATION:	NOT APPLICABLE
INCOMPATIBILITY:	STRONG OXIDIZING AND REDUCING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS:	CO, CO <sub>2</sub> , OXIDES OF NITROGEN, AND OTHER POTENTIALLY TOXIC FUMES.

## SECTION 6

### PERSONAL PROTECTION EQUIPMENT INFORMATION

RESPIRATORY PROTECTION:	APPROVED DUST RESPIRATOR, AVOID INHALATION OF DUST.
PROTECTIVE GLOVES:	RUBBER
EYE PROTECTION:	SAFETY GOGGLES
VENTILATION:	USE LOCAL EXHAUST VENTILATION
ADDITIONAL PROTECTIVE MEASURES:	NORMAL GOOD WORKING PRACTICES AND HYGIENE SHOULD BE OBSERVED.

## SECTION 7

### HEALTH HAZARDS

THRESHOLD LMT VALUES:	Not Applicable
LD50 (ORAL RAT):	Not Determined
DERMAL IRRITATION-RABBIT:	Not Determined
EYE IRRITATION – RABBIT:	Not Determined
EFFECTS OF EXPOSURE:	May cause mild eye and skin irritation
LISTED CARCINOGENS:	NONE
ADDITIONAL DATA:	NONE

## SECTION 8

### EMERGENCY AND FIRST AID PROCEDURES

SKIN:	REMOVE CONTAMINATED CLOTHING AND SHOES. WASH SKIN WITH SOAPY WATER. WASH CLOTHING BEFORE REUSE. MAY CAUSE TEMPORARY SKIN STAIN.
EYES:	IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.
INHALATION:	IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH TO MOUTH. IF BREATHING IS DIFFICULT, CALL A PHYSICIAN
INGESTION:	IF LARGE AMOUNT IS SWALLOWED CALL A PHYSICIAN.
ADDITIONAL MEASURES:	NONE FOUND

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**SECTION 9**

**SPILL AND DISPOSAL PROCEDURES**

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**SPILL OR LEAK PROCEDURES:**

UTILIZE RECOMMENDED PROTECTIVE CLOTHING AND EQUIPMENT. SPILLS SHOULD BE SHOVELED OR VACUUMED AND PLACED INTO CLOSED CONTAINERS FOR PROPER DISPOSAL.

**WASTE DISPOSAL:**

WASTE AND WATER DISPOSAL SHOULD BE IN ACCORDANCE WITH EXISTING FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

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**SECTION 10**

**OTHER REGULATORY INFORMATION**

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**TSCA:** WE CERTIFY THAT ALL COMPONENTS OF THIS PRODUCT ARE REGISTERED UNDER THE REGULATIONS OF THE TOXIC SUBSTANCES CONTROL ACT (TSCA). SECTION 8 (B) OF THE CHEMICAL SUBSTANCE INVENTORY LIST (40 CFR 710)

**SARA 313:** NOT REPORTABLE

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