

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-265/2650-18-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
2650-18-2  
**Code:**  
M

**RTECS:**  
BQ4550000  
**Code:**  
M

**Name:**  
FD&C BLUE NO. 1

**Other REC Limits:**  
NONE SPECIFIED

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**  
3

**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
NOT NORMALLY NEEDED IF LOCAL EXHAUST SATISFACTORY.

**Ventilation:**  
MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

**Protective Gloves:**  
RUBBER, TO AVOID PROLONGED SKIN CONTACT.

**Eye Protection:**  
SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

**Other Protective Equipment:**  
Equipment EYE WASH STATION AND SAFETY SHOWER. WEAR IMPERVIOUS CLOTHING AND BOOTS TO PREVENT PROLONGED SKIN CONTACT.

**Work Hygienic Practices:**  
OBSERVE GOOD PERSONAL HYGIENIC PRACTICES. WASH THOROUGHLY AFTER HANDLING. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR. 6

**Supplemental Safety and Health:**  
AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS. NOTE TO PHYSICIAN: THERE IS NO SPECIFIC ANTIDOTE. TREAT SYMPTOMATICALLY.

## Health Hazards Data

**LD50LC50Mixture:**  
UNKNOWN

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ACUTE: EYE AND SKIN IRRITATION. POSSIBLE CORNEAL INJURY. INHALATION CAN CAUSE RESPIRATORY IRRITATION, ASPHYXIATION, AND CENTRAL NERVOUS SYSTEM EFFECTS. SLIGHTLY TOXIC IF INGESTED. CHRONIC: PROLONG CON TACT MAY CAUSE MODERATE IRRITATION, DEFATTING, AND DERMITITIS.

**Explanation Of Carcinogenicity:**  
NOT APPLICABLE

**Signs And Symptions Of Overexposure:**  
4 EYES: SLIGHT TO MODERATE IRRITATION AND BLURRED VISION. SKIN: MODERATE IRRITATION, DEFATTING AND DERMATITITIS. INHALATION: NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE AND UNCONSCIOUSNESS. INGESTION: LOSS OF CONSCIOUSNESS, STOMACH CRAMPS, PAIN NAUSEA, VOMITING AND DIARRHEA.

**Medical Cond Aggravated By Exposure:**  
PERSONS WITH A HISTORY OF ALLMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

**First Aid:**  
INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. KEEP PERSON WARM AND GET MEDICAL ATTENTION. EYES: FLUSH WITH WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOV E CONTAMINATED CLOTHING. FLUSH SKIN WITH WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION: ADMINISTER LUKEWARM WATER (PINT). DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

**Spill Release Procedures:**  
CUT OFF SOURCES OF IGNITION. VENTILATE AREA. COLLECT FREE PRODUCT AND ADD SAND OR ABSORBENT TO AREA. KEEP OUT OF SEWERS AND WATERWAYS BY DIKING. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED SEWERS OR WAT ERWAYS. MINIMIZE BREATHING VAPORS AND SKIN CONTACT

**Neutralizing Agent:**  
NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**  
DISPOSE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. CONTAMINATED ABSORBENT MAY BE DEPOSITED IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
KEEP CLOSURES TIGHT. AVOID EXPOSURE TO EXCESSIVE HEAT, SPARKS, OPEN FLAME AND STRONG OXIDIZING AGENTS. PROTECT FROM DAMAGE.

**Other Precautions:**  
AVOID EYE AND SKIN CONTACT. DO NOT INGEST. USE ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
TCC

**Flash Point:**

**Flash Point Text:**  
180F,82C 5

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K

**Lower Limits:**  
UNKNOWN

**Upper Limits:**  
UNKNOWN

**Extinguishing Media:**  
USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER FOG, CLASS A, BC OR ABC FIRE EXTINGUISHERS.

**Fire Fighting Procedures:**  
FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT FOR FIGHTING CHEMICAL FIRES. COOL NEARBY CONTAINERS.

**Unusual Fire/Explosion Hazard:**  
NONE, BUT DUE TO THE NATURE OF THE INGREDIENTS, ANY VAPORS FORMED AND MIXED WITH AIR AND EXPOSED TO A SOURCE OF IGNITION CAN BURN OR EXPLODE IF CONTAINED.

## Physical/Chemical Properties

**HCC:**  
V4

**NRC/State LIC No:**  
N/R

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
100F,38C

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/R

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
UNKNOWN

**Vapor Density:**  
UNKNOWN

**Volatile Org Content %:**

**Spec Gravity:**  
1.0130

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**

**Solubility in Water:**  
SOLUBLE

**Appearance and Odor:**  
CLOUDY AQUEOUS SOLUTION, SLIGHTLY SWEET ODOR

**Percent Volatiles by Volume:**  
5.0

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HIGH TEMPERATURES, FLAMES, AND IGNITION SOURCES.

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS AND MATERIALS THAT REACT VIOLENTLY WITH WATER.

**Hazardous Decomposition Products:**  
CARBON MONOXIDE, CARBON DIOXIDE, SILICONE DIOXIDE, ALDEHYDES AND OTHER DECOMPOSITION PRODUCTS. 7

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT APPLICABLE

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P