

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-81/81-77-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

81-77-6

**Code:**

M

**RTECS:**

CB8761100

**Code:**

M

**Name:**

ANTHROQUINONE BLUE, C.I. PIGMENT BLUE 60

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

NONE

**Code:**

M N/P

**ACGIH STEL:**

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

**Code:**

1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**

USE A NIOSH/MSHA APPROVED (TC-23C) AIR PURIFYING OR AIR SUPPLIED (TC-19C) RESPIRATOR.

**Ventilation:**

GENERAL DILUTION OR LOCAL EXHAUST IN VOLUME & PATTERN TO KEEP BELOW TLV & REMOVE DECOMPOSITION PRODUCTS.

**Protective Gloves:**

NEOPRENE/NITRILE RUBBER BUTYL/LATEX

**Eye Protection:**

CHEMICAL SPLASH GOGGLES/FULL FACE SHIELD

**Other Protective Equipment:**

Equipment IMPERMEABLE APRON

**Work Hygienic Practices:**

CLEAN OR DISCARD CONTAMINATED CLOTHING & SHOES.

**Supplemental Safety and Health:**

PERCENT SOLID BY WEIGHT: 44.9

## Health Hazards Data

**LD50/LC50 Mixture:**

N/K

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

NO

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

INGESTION: HARMFUL OR FATAL. EYES/SKIN: IRRITATION. INHALATION: HARMFUL, IRRITATION &/OR ALLERGIC RESPIRATORY REACTION IN LUNGS.

**Explanation Of Carcinogenicity:**

2 NONE

**Signs And Symptoms Of Overexposure:**

INGESTION: HARMFUL OR FATAL. EYES: REDNESS, ITCHING, BURNING SENSATION & VISUAL DISTURBANCES. SKIN: DRYNESS, ITCHING, CRACKING, BURNING, REDNESS & SWELLING. INHALATION: EYE WATERING, HEADACHES, NAUSEA, DIZZINESS, LOSS OF COORDINATION, PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.

**Medical Cond Aggravated By Exposure:**

N/K

**First Aid:**

INGESTION: GIVE 1 OR 2 GLASSES OF WATER. DON'T INDUCE VOMITING. EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 30 MINS. SKIN: FLUSH W/PLENTY OF WATER, THEN BY WATERLESS HAND CLEANER & SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION & OTHER SUPPORTIVE MEASURES. OBTAIN MEDICAL ATTENTION IN ALL CASES. HAVE MATERIAL SAFETY DATA SHEET INFORMATION AVAILABLE.

**Spill Release Procedures:**

VENTILATE AREA. ONLY PERSONNEL EQUIPPED W/PROTECTIVE EQUIPMENT SHOULD BE PERMITTED IN AREA. TAKE UP SPILL MATERIAL W/SAWDUST, VERMICULITE OR OTHER ABSORBENT MATERIAL & PLACE INTO CONTAINERS FOR DISPOSAL. REMOVE ALL IGNITION SOURCES.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. RECYCLE OR DISPOSE EMPTY CONTAINERS AT AN APPROVED WASTE MANAGEMENT FACILITY.

**Handling And Storage Precautions:**

DON'T STORE >120F. STORE LARGE QUANTITIES IN BLDGS DESIGNED & PROTECTED FOR STORAGE OF NFPA CLASS 1B FLAMMABLE LIQUIDS. KEEP CONTAINERS TIGHTLY CLOSED

**Other Precautions:**

INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING CONTENTS CAN BE HARMFUL OR FATAL. GROUND CONTAINERS WHEN POURING. AVOID FREE FALL OF LIQUIDS IN EXCESS OF A FEW INCHES. DON'T APPLY TO HOT SURFACES.

## Fire and Explosion Hazard Information

**Flash Point Method:**

PMCC

**Flash Point:****Flash Point Text:**

79F

**Autoignition Temp:****Autoignition Temp Text:**

N/A

**Lower Limits:**

1.1%

**Upper Limits:**

N/K

**Extinguishing Media:**

CO2, DRY CHEMICAL, OR UNIVERSAL AQUEOUS FILM FORMING FOAM.

**Fire Fighting Procedures:**

WATER SPRAY MAY BE INEFFECTIVE. USE WATER SPRAY TO COOL CLOSED CONTAINERS. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. USE SCBA.

**Unusual Fire/Explosion Hazard:**

3 CLOSED CONTAINERS MAY BUILD UP PRESSURE, AUTOIGNITE OR EXPLODE WHEN EXPOSED TO EXTREME HEAT. DON'T APPLY TO HOT SURFACES. ISOLATE FROM IGNITION SOURCES.

## Physical/Chemical Properties

**HCC:****NRC/State IC No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

138-145C

**Melt/Freeze Pt:****IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

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## Reactivity Data

**Stability Indicator:**

YES 4

**Stability Condition To Avoid:**

HEAT, SPARKS, OPEN FLAME, HOT SURFACES, OR OTHER SOURCES OF IGNITION.

**Materials To Avoid:**

STRONG ALKALIES, STRONG MINERAL ACIDS, OR STRONG OXIDIZING AGENTS

**Hazardous Decomposition Products:**

CO

**Hazardous Polymerization Indicator:**

NO

**Materials To Avoid Polymerization:**

N/K

## Toxicological Information

**Information:****MSDS Transport Information:****Information:****Regulatory Information:****Sara Title III Information:****Federal Regulatory Information:****State Regulatory Information:****Other Information:**