



DuoKem LLC, A Dual benefit from Kemicals

2016 Main Street Suite 1604

• Houston TX 77002

P: +1 832 -690 0275

[www.duokem.com](http://www.duokem.com)

E-mail: [marketing@duokem.com](mailto:marketing@duokem.com)

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**SECTION - 1****PRODUCT INFORMATION**

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PRODUCT : DKM BM 27

SYNONYM : Milori Blue, Oriental Blue, Chinese Blue,  
Bronze Blue

CAS NO. : 14038-43-8

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**SECTION - 2****SUPPLIER'S INFORMATION**

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MANUFACTURER : DUOKEM LLC

ADDRESS : 2016 SOUTH MAIN ST, CLUTCH CITY TX

PHONE (OFFICE) : +1 832 690 0275

MOBILE : +1 832 707 9934

E-MAIL : [marketing@duokem.com](mailto:marketing@duokem.com)

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**SECTION - 3****PHYSICAL / CHEMICAL CHARACTERISTICS**

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PHYSICAL STATE : SOLID

APPEARANCE : BLUE POWDER

ODOUR : ODOURLESS

SPECIFIC GRAVITY : 1.7 TO 1.8

BOILING POINT : NOT APPLICABLE

MELTING POINT : NOT APPLICABLE

SOLUBILITY IN WATER : INSOLUBLE

**SECTION – 4****REACTIVITY DATA**

CHEMICAL STABILITY	:	STABLE UNDER NORMAL CONDITIONS
INCOMPATIBILITY WITH OTHER MATERIAL	:	N / A
REACTIVITY	:	N I L
HAZARDOUS REACTION PRODUCTS	:	N I L

**SECTION – 5****FIRE & EXPLOSION HAZARD**

FLAMMABLE LIMITS IN AIR	:	NOT FLAMMABLE
AUTO IGNITION TEMP.	:	N / A
HAZARDOUS COMBUSTION	:	BURNS IF IGNITED PRODUCING OXIDES OF CARBON, FERRIC OXIDE AND AMMONIA.
HAZARDOUS POLYMERIZATION	:	WILL NOT OCCUR.
FIRE EXTINGUISHER	:	WATER SPRAY, FOAM
SAFETY PRECAUTIONS	:	USE ADEQUATE PROTECTIVE EQUIPMENTS LIKE HAND GLOVES, GOGGLES, RESPIRATORY SYSTEM TO AVIOD DUST AND SUFFOCATION.

**SECTION – 6****PREVENTIVE MEASURES**

PERSONAL PROTECTION	:	WEAR SAFETY GOOGLES, PROPER GLOVES. (IN AREAS EQUIPMENTS WHERE DUST CONCENTRATIONS ARE ABOVE LIMITS USE SUITABLE RESPIRATOR).
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**SECTION – 7****HANDLING & STORAGE**

HANDLING & STORAGE	:	AVOID DUST FORMATION. IF OCCURS, TAKE PRECAUTIONARY MEASURES AGAINST DISCHARGE. KEEP PACKAGING TIGHTLY CLOSED AND STORE IN A DRY & COOL PLACE WITH ADEQUATE VENTILATION. USE NO HOOKS TO HANDLE THE MATERIAL.
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**SECTION – 8****SPILL OR LEAK PROCEDURES**

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EFFECTIVE STEPS	:	VACCUM CLEAN OR USE WET CLEAN-UP TECHNIQUES, RECOVERED PRODUCT MAY BE STORED IN A CLOSED CONTAINER.
WASTE DISPOSAL METHOD	:	AS PER LOCAL REGULATIONS.

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**SECTION – 9****ECOLOGICAL INFORMATION**

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THIS PRODUCT IS NOT VERY WATER - SOLUBLE

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**SECTION – 10****TOXICOLOGICAL INFORMATION**

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<b>LD50</b>	:	
(ORAL)	:	2000 MG/KG (RAT)
(SKIN)	:	NON IRRITANT (RABBIT)
(EYES)	:	NON IRRITANT (EYES OF RABBIT)

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**SECTION – 11****FIRST AID MEASUREMENTS**

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INHALED	:	REMOVE VICTIM TO FRESH AIR. GET MEDICAL ATTENTION.
SKIN CONTACT	:	WASH AFFECTED SKIN WITH SOAP & WATER.
EYE CONTACT	:	FLUSH EYES WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.
INGESTION	:	IF SWALLOWED, DILUTE WITH WATER. IF GASTRO INTESTINAL SYMPTOMS DEVELOP, GET MEDICAL ATTENTION.

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**SECTION – 12****HEALTH HAZARD DATA**

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THIS SUBSTANCE IS NOT CONSIDERED TO BE A HAZARDOUS SUBSTANCE AS DEFINED UNDER THE OSHA HAZARDOUS COMMUNICATION STANDARD (29 CFR 1910.1200) NON-HAZARDOUS TO MAN AND ENVIRONMENT.

**SECTION – 13****TRANSPORT INFORMATION**

## ROAD TRANSPORT

ADR / RID AND GGVS / GGVE : UN-NO : NONE / NON REGULATED

## SEA TRANSPORT

IMDG / GGVSEE : UN-NO : NONE / NON REGULATED

## AIR TRANSPORT

TCAO / IATA : UN-ID NO : NONE / NON REGULATED

**SECTION – 14****DISPOSAL CONSIDERATIONS**

Be sure to consult with local or regional authorities (waste regulators) prior to any disposal. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**SECTION – 15****REGULATORY INFORMATION**

## OSHA :

None of the chemicals in this product are considered highly hazardous by OSHA.

## SARA Section 302 Extremely Hazardous Substances :

None of the chemicals in this product have a TPQ.

## Chemical Test Rules :

None of the chemicals in this product are under a Chemical Test Rule.

## Health &amp; Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

**SECTION – 16****ADDITIONAL INFORMATION**

This section contains the MSDS creation date & the disclaimer as mentioned below.

MSDS Creation Date: February 12, 2017

**DISCLAIMER**

The information provided in this brochure relates only to the specific material described herein, but does not relate to its use in combination with any other material or process. The person using this is doing so at his own risk since the conditions of use are out of control. We assume no liability of whatsoever kind it may be in connection with any use of this information.

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**DuoKem USA**

2016 Main St.

Suite 1604

Clutch City TX

E-mail: [lcaro@duokem.com](mailto:lcaro@duokem.com)**DuoKem Mexico**

Calle Membrillo No 277

Interior 1.

Mexico City

E-mail: [cgomez@duokem.com](mailto:cgomez@duokem.com)**DuoKem Colombia**

Calle 9ª # 69 – 61

Barrio Marsella

Bogota City

E-mail: [mlugo@duokem.com](mailto:mlugo@duokem.com)**DuoKem Argentina**

Santa Fe 387

Open Door

Buenos Aires

E-mail: [jgarzon@duokem.com](mailto:jgarzon@duokem.com)