



Carmín - Hoja de Manejo Seguro de Productos (MSDS)

FOOD RAW MATERIAL (Section 1)

Trade Name: CARMINE 3% (E 120)

Chemical Name & Structure: SOLUTION OF CARMINE (Hydrated Aluminium chelate of carminic acid)

INGREDIENTS (Section 2)	Percent (%)
Carmine	6.00
Ammonium Hidroxide	12.00
Propilenglycol	10.00
Water	72.00

PHYSICAL DATA (Section 3)

Appearance:	DARK RED MAGENTA LIQUID
Specific Gravity:	1 - 1.05
Vapor Press :	N/A
Boiling Point :	91°C
pH :	11-13
Sol. in water :	YES
Odor :	AMMONIUM

FIRE & EXPLOSION DATA (Section 4)

Flash Point:	N/A	Method Used :	N/A
Flammable Limits: Lower:	N/A	Upper:	N/A
Extinguishing Media:			
Water Fog:	X	Alcohol Foam:	X
CO2:	X	Dry Chemical:	X
Unusual Fire & Explosion Hazards: NONE KNOWN TO MANUFACTURER.			
Fire- fighting Equipment: NO SPECIAL EQUIPMENT REQUIRED			

REACTIVITY DATA (Section 5)

Stability (Conditions to Avoid): STRONG OXIDIZING AND REDUCING AGENTS.
Incompatibility (Materials to Avoid): OXIDIZING AND REDUCING AGENTS MAY DESTROY COLOR.
Hazardous Decomposition Products: NONE KNOWN TO MANUFACTURER.
Hazardous Polymerization: WILL NOT OCCUR.

HEALTH HAZARD DATA (Section 6)

1. Eye Contact: MAY CAUSE TEMPORARY DISCOMFORT.
2. Skin Contact: NO HAZARDOUS.
3. Ingestion: NO HAZARDOUS, OBTAIN MEDICAL ASSISTANCE.
4. Inhalation: NUISANCE ODOUR. MAY CAUSE PHYSICAL DISCOMFORT TO THE RESPIRATORY TRACT.
5. Overexposure: OBTAIN MEDICAL ASSISTANCE.

FIRST AID (Section 7)

1. Eyes: FLUSH WITH PLENTY OF WATER, OBTAIN MEDICAL ASSISTANCE.



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2. Skin: WASH AFFECTED AREA WITH SOAP AND WATER.
3. Ingestion: NON HAZARDOUS. OBTAIN MEDICAL ASSISTANCE.
4. Inhalation: IF INHALED AND DISCOMFORT OCCURS, REMOVE INDIVIDUAL TO FRESH AIR. OBTAIN MEDICAL ASSISTANCE.

SPILL OR LEAK PROCEDURES (Section 8)

Action to take for Spill/Leaks: MOP THE AREA UNTIL IT IS COMPLETELY CLEAN

Disposal Method: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS.

HANDLING PRECAUTIONS (Section 9)

Exposure Guidelines:

Ventilation: SUFFICIENT GENERAL VENTILATION TO MAINTAIN CONCENTRATIONS BELOW TLV.

Respiratory Protection: USE A FACE MASK APPROVED FOR AMMONIUM

Skin Protection: NORMAL PROTECTIVE CLOTHING AND GLOVES.

Eye Protection: SAFETY GLASSES OR GOGGLES.

ADDITIONAL INFORMATION (Section 10)

Special Precautions to be taken in Handling and Storage: GOOD MANUFACTURING PRACTICE SHOULD BE FOLLOWED.

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