



Bixin - Hoja de Manejo Seguro de Productos (MSDS)

FOOD RAW MATERIAL (Section 1)

Trade Name: GLOBEBIX EXL-3 (E 160)

Chemical Name & Structure: SOLUTION OF ANNATTO POWDER

INGREDIENTS (Section 2) Percent (%)

Annatto Powder	8.60
Water	80.60
Propilenglicol	10.00
Pottasium Hidroxide	0.8 0

PHYSICAL DATA (Section 3)

Appearance:	DARK BROWN LIQUID
Specific Gravity:	1-1.05
Vapor Press:	N/A
Boiling Point:	98°C
pH:	12.5 - 13.5
Sol. in water:	SOLUBLE
Odor:	SLIGHT

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 REDUCING AGENTS.

Incompatibility (Materials to Avoid): 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: MAY CAUSE TEMPORARY DISCOMFORT.
3. Ingestion: MAY CAUSE TEMPORARY DISCOMFORT. OBTAIN MEDICAL ASSISTANCE.
4. Inhalation: NON HAZARDOUS
5. Overexposure: NON HAZARDOUS

FIRST AID (Section 7)

1. Eyes: FLUSH WITH PLENTY OF WATER, OBTAIN MEDICAL ASSISTANCE.
2. Skin: WASH AFFECTED AREA WITH SOAP AND WATER.
3. Ingestion: OBTAIN MEDICAL ASSISTANCE.



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J-00144719-9

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 ACCORDING TO THE FEDERAL STATE AND LOCAL REGULATION

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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