

<b>Material Safety Data Sheet</b>	<b>U.S. Department of Labor</b>
May be used to comply with	Occupational Safety and Health Administration
OSHA's Hazard Communication Standard,	(Non-Mandatory Form)
29 CFR 1910.1200. This Standard must be	Form Approved
Consulted for specific requirements.	OMB No. 1218-0072

## **MATERIAL SAFETY DATA SHEET**

**Product Name: Quick Cure 6.25% No Dextrose**

**Product Code: CURE625NODEX-50**

**Date of Issue: 05/05/14**

<b>IDENTITY (As used on Label and List)</b> <b>Quick Cure 6.25% No Dextrose</b> INGREDIENTS: Salt, Sodium Nitrite (6.25%), Propylene Glycol, <.001% FD&C Red #40 Added.	

### **Section 1 – Product Information:**

Distributor's Name International Spices Ltd.	Emergency Telephone Number (800) 321-7742
Address 1040 Lucius St., Fremont, NE 68025	Telephone Number for Information (402) 727-4600

Synonyms: Nitrous acid, Sodium salt

### **Section 2 – Hazardous Ingredients:**

<b>Hazardous Components or Ingredients (Percent)</b>	<b>CAS</b>	<b>OSHA PEL</b>	<b>ACGIH TLV-TWA</b>
Sodium Nitrite (6.25%)	7632-00-0	N/A	N/A

Ingredients listed in this section are those which are hazardous by the OSHA Hazard Communication Standard and present at greater than the threshold level defined by the HCS. Items on this MSDS may be designated "trade secret". Bona fide requests for disclosure of trade secret information to medical personnel must be made in accordance with the procedures contained in 29 CFR 1910.1200 (1) – (13).

### **Section 3 – Physical/Chemical Characterization:**

Boiling Point > 320°C (>608°F)	Specific Gravity (H <sub>2</sub> O = 1) 2.17
Vapor Pressure (mm Hg) No Information available	Melting Point 271°C (520°F)
Vapor Density (AIR = 1) No Information available	Evaporation Rate (Butyl Acetate = 1) No Information Available
Solubility in Water 8.52g/100 g water @ 20°C	pH 9.0 Aqueous Solution
Appearance and odor Pink Crystalline Granules	

### **Section 4 – Fire and Explosion Data:**

**Flammable:**    \_\_\_ yes            \_\_\_X    no

If so, under what conditions: Not Applicable

**LEL:** N/A

**UEL:** N/A

**Flash Point:** Not Flammable

**Extinguishing Media:** Water or water spray in early stages of fire. Foam may also be used, but avoid the use of multi-purpose dry chemical fire extinguishers where contact with sodium nitrite may occur. Water streams may scatter molten materials

**Special Fire Fighting Procedures:** In the event of a fire, wear full protective clothing and NIOSH/MSDA approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Decomposition of sodium nitrite may leave a caustic residue.

**Unusual Fire and Explosion Hazards:** Strong oxidizer. Contact with combustible materials, flammable materials, or powdered metals can cause fire or explosion. Increases the flammability of any combustible material.



**Reproductive Toxicity:** No Data Available

**Sensitization to Product:** No Data Available

**Toxicological Information:** Oral rat LD50: 180 mg/kg; inhalation rat LC50: 550 ug/m<sup>3</sup>; irritation: eye rabbit: 500 mg/24H mild. Investigated as a tumorigen, mutagen, reproductive effector.

**Emergency and First Aid Procedures:**

**Inhalation:** Remove to the fresh air. If having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

**Eye Contact:** Immediately flush with water for at least 15 minutes.

**Skin Contact:** Wash with copious amounts of soap and water.

**Ingestion:** Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

**Section 7 – Precautions for Safe Handling and Use:**

**Steps to be taken in the event that the material is Released or Spilled:** Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. **Spills:** Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal and place in a closed container. US Regulation (CERCLA) require reporting spills and release to soil, water and air in excess of reportable quantities.

**Waste Disposal Method:** Dispose according to Federal, State and Local regulations.

**Precautions to be taken in Handling and Storing:** Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage and moisture. Isolate from any source of heat or ignition. Avoid storage on wood floors. Separate from incompatibles, combustibles, organic or other readily oxidizable material. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

**Section 8 – Control Measures:**

**Personal Protective Equipment:**

**Gloves:** Use rubber or neoprene gloves sufficient to protect skin from dust.

**Respirator:** Use NIOSH/MSHA approved respirators.

**Eye Protection:** Goggles or splash-shield

**Clothing:** Wear clothing sufficient to protect skin from dust.

**Other:** N/A

**Work Practices:** As required to protect skin and eyes from dust, safety showers and/or eye wash should be available. Wash thoroughly and remove or clean any contaminated clothing.

**Section 9 – Regulatory Information (Federal and State Regulations):**

Hazardous Component or Ingredient	SARA 302	SARA 313	RCRA	TSCA
Sodium Nitrite (6.25%)	No	Yes	No	No

**Section 10 – Other Information:**

Hazardous Materials Identification System (HMIS) rating for product ingredients:

Health -2    Fire -0    Reactivity- 3    Specific Hazard- OXIDIZER

HMIS Hazard Codes: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe

**Section 11 – Preparation of MSDS:**

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate the author makes no representations as to its accuracy or sufficiency. Conditions or use are beyond the producers control and therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Reviewed by: *L Kunte*

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