

7. HANDLING AND STORAGE

Keep container tightly closed when not in use. Store in a cool, well-ventilated area away from incompatible materials. Keep out of reach of children. Wash hands and face with soap and water after handling this product. Remove contaminated clothing immediately and rinse with water. Launder thoroughly before reusing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Chemical safety goggles recommended.

Skin: Chemical resistant gloves or Nitrile rubber gloves recommended.

Respiratory: None required if good ventilation is maintained. If TLV is exceeded, use a NIOSH/MSHA approved respirator.

Engineering Controls: Provide adequate ventilation and local exhaust is generally adequate.

Other Protective Clothing or Equipment: Shirts with long sleeves, rubber boots for cleaning up spills.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 212°F/100°C **Specific Gravity:** 1.18 (H₂O=1) **Vapor Pressure:** ND **Melting Point:** ND
Vapor Density: ND **Evaporation Rate:** ND **Solubility in Water:** Complete **pH:** 11.5-12.5
Appearance and Odor: Brown liquid with very slight medicinal odor.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: When heated strongly, as in a fire, may produce nitrogen oxide gas.

Chemical Stability: Stable

Incompatibility: Never mix this product with ammonia or any amine. This can form nitrosamines, which have been shown to cause cancer in laboratory animals. This product should not be added to any system containing residual chemical from sulfite or other oxygen-scavenging treatment program.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity (NTP/IARC/OSHA): None

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

12. ECOLOGICAL INFORMATION

ND

13. DISPOSAL CONSIDERATIONS

Consult your local, state, provincial, and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

14. TRANSPORT INFORMATION

DOT: Available upon request

TDG: Available upon request

UN: Available upon request

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): None

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: ND

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: Sodium nitrite CAS#7632-00-0 3.09 pounds of reportable material per gallon of United product.

WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

UNITED 420 CLOSED SYSTEM CONCENTRATE

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