

MATERIAL SAFETY DATA SHEET

This MSDS Complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA 174

IDENTITY AND MANUFACTURER'S INFORMATION						
NFPA Rating: Health- ; Flammability- ; Reactivity- ; Special-			HMIS Rating: Health- ; Flammability- ; Reactivity- ; Personal Protection-			
Manufacturer's Name: NuTech Specialties, Inc. 9811 South 6150 West West Jordan, UT 84088			DOT Hazard Classification: Identity (trade name as used on label) #200 BOILER TREATMENT			
Date Prepared: 08/03/2006		Prepared By: APO		MSDS Number: Revision-		
Information Calls: (801)253-1000 EMERGENCY RESPONSE NUMBER: 1-800-621-7859			NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA			
SECTION 1 – MATERIAL IDENTIFICATION AND INFORMATION						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	Approx % wt.	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source**
SODIUM NITRITE		77632-00-0	6		UNKOWN	
SECTION 2 – PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: 212 F			Specific Gravity (H2O=1): 1.1			
Vapor Pressure:			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):			
Vapor Density (Air = 1)			Evaporation Rate (H2O= 1)			
Solubility in Water: COMPLETE IN WATER			Water Reactive:			
Appearance and Odor: RED LIQUID/SLIGHT ODOR			PH:			
SECTION 3 – FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols)		Auto Ignition Temperature		Flammability Limits in Air by % in Volume %LEL: %UEL:		
FLASH POINT AND METHOD USED (NON-AEROSOLS): NONE BELOW 212 F			EXTINGUISHER MEDIA: ALL MEDIA			
Unusual Fire & Explosion Hazards: CONTAINS OXIDEZERS. KEEP AWAY FROM REDUCING AGENTS. WILL EXPLODE IF HEATED TO >1000 C IN PRESENCE OF REDUCING AGENTS OR ORGANIC MATERIALS OR CYCNIDES.						
SECTION 4 – REACTIVITY HAZARD DATA						
STABILITY [xx] STABLE [] UNSTABLE			HAZARDOUS POLYMERIZATION [] WILL [xx] WILL NOT OCCUR			
Incompatibility (Mat. To avoid): ACIDS, AMMONIUM SALTS, AMINES, ACTIVATED CARBON, CYANIDES AND REDUCING AGENTS. MAY REACT WITH SECONDARY OR TERTIARY AMINES TO FORM NITROSAMINES (CERTAIN NITROSAMINES ARE CANCER-SUSPECT AGENTS)			Conditions to Avoid:			
Hazardous Decomposition Products: DECOMPOSES WITH HEAT ABOVE 914 TO PRODUCE OXYGEN AND TOXIC NITROGEN GASES						
SECTION 5 – HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE [] NON HAZARDOUS						
INHALATION: MAY CAUSE IRRITATION						
Eye Contact: MAY CAUSE IRRITATION AND BURNING			Skin Contact: MAY CAUSE IRRITATION			
Ingestion: MAY CAUSE IRRITATION						
CHRONIC EFFECTS:						
Medical Conditions Generally Aggravated by Exposure:						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: FLUSH WITH WATER FOR 15 MINUTES, CALL A PHYSICIAN						
Skin Contact: WASH WITH SOAP AND WATER						
Inhalation: REMOVE TO FRESH AIR						
Ingestion: CALL PHYSICIAN IMMEDIATELY! DO NOT INDUCE VOMITING						
SECTION 6 – CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): NONE REQUIRED						
Protective Gloves: RUBBER IF DESIRED			Eye Protection: GOGGLES IF DESIRED			
Ventilation Requirements: ADEQUATE						
Other Protective Clothing & Equipment: APRON IF DESIRED						
Hygienic Work Practices:						
SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released:						
Waste Disposal Methods:						
Precautions To Be Taken In Handling & Storage:						
Other Precautions &/or Special Hazards:						

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

**Chemical Listed as Carcinogen. [a] NTP [b] ARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only