

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) #202 CLOSED SYSTEM			
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 HYDROXIDE		1310-73-2	<3			
THE BALANCE OF THE COMPONENTS OF THE FORMULA COMPRISES PROPRIETY INFORMATION						
SECTION 2 – PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: N/A		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		Water Reactive:				
Appearance and Odor: BROWN LIQUID WITH SLIGHT AMMONIA SMELL		PH: 12-13				
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: WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL			
Unusual Fire & Explosion Hazards:						
SECTION 4 – REACTIVITY HAZARD DATA						
STABILITY [XX] STABLE [] UNSTABLE			HAZARDOUS POLYMERIZATION [] WILL [XX] WILL NOT OCCUR			
Incompatibility (Mat. To avoid): STRONG ACIDS AND OXIDIZERS			Conditions to Avoid: STRONG ACIDS AND OXIDIZERS			
Hazardous Decomposition Products: SULFUR DIOXIDE						
SECTION 5 – HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE [] NON HAZARDOUS						
INHALATION: IN CONTACT WITH STRONG ACIDS, MAY GENERATE SULFUR DIOXIDE GAS IN QUANTITIES WHICH WITH OUT ADEQUATE VENTILATION MAY BE HAZARDOUS TO HUMAN HEALTH						
Eye Contact: DESTRUCTIVE TO EYE TISSUE. WILL CAUSE BURNS THAT RESULT IN DAMAGE TO THE EYES AND EVEN BLINDNESS.			Skin Contact: MATERIAL MAY BE DESTRUCTIVE TO SKIN TISSUE			
Ingestion: CAN CAUSE SEVERE BURNS AND COMPLETE TISSUE PERFORATION OF MUCOUS MEMBRANES OF THE MOUTH, THROAT, ESPOHAGUS, AND STOMACH IF SWALLOWED.						
CHRONIC EFFECTS:						
Medical Conditions Generally Aggravated by Exposure:						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES HOLDING EYE LIDS APART TO ENSURE FLUSHING OF THE ENTIRE SURFACE. WASHING EYES WITHIN 1 MINUTE IS ESSENTIAL TO ACHIEVE MAXIMUM EFFECTIVENESS. SEEK MEDICAL ATTENTION IMMEDIATELY.						
Skin Contact: IMMEDIATELY WASH SKIN WITH PLENTY OF WATER. THIS MAY BE FOLLOWED WITH A RINSE WITH VINEGAR OR DILUTE ACETIC ACID (3% SOLUTION) IF AVAILABLE. REMOVE CONTAMINATED CLOTHING AND FOOTWARE AND WASH BEFORE RE-USE. SEEK MEDICAL ATTENTION IMMEDIATELY.						
Inhalation: GET PERSON TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION./ OXYGEN MAY BE ADMINISTERED, IF READILY AVAILABLE. SEEK MEDICAL ATTENTION IMMEDIATELY						
Ingestion: IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES O FWATER. IF AVAILABLE, GIVE SEVERAL GLASSES OF MILK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION IMMEDIATELY.						
SECTION 6 – CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): NONE REQUIRED						
Protective Gloves: RECOMMENDED, RUBBER			Eye Protection: SLASH PROOF CHEMICAL GOGGLES			
Ventilation Requirements: YES, ADEQUATE						
Other Protective Clothing & Equipment: AVOID SKIN CONTACT, EYE WASH STATION, SAFETY SHOWER, ETC						
Hygienic Work Practices:						
SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: SWEEP UP AND RETURN TO ORIGINAL CONTAINER. FLUSH WITH WATER, CONTAIN THE SPILL. NEUTRALIZE WITH DILUTE ACID AND DISPOSE OF AS SOLID WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.						
Waste Disposal Methods: RINSE ANY RESIDUE DOWN DRAIN OR ABSORB ONTO WET RAGS. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS						
Precautions To Be Taken In Handling & Storage: NORMAL SAFE HANDLING PROCEDURES. KEEP CONTAINER CLOSED WHEN NOT IN USE.						
Other Precautions &/or Special Hazards: PROTECT SKIN AND EYES. KEEP OUT OF REACH OF CHILDREN						

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