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#36410

MATERIAL SAFETY DATA SHEET

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

IDENTITY AND MANUFACTURER'S INFORMATION	
NFPA Rating: Health-2; Flammability-0; Reactivity-1; Special -	HMSD Rating: Health-2; Flammability-0; Reactivity-1; Personal Protection-B
Manufacturer's Name: AMREP, INC. Address: 990 Industrial Park Drive Marietta, GA 30062	DOT Hazard Classification: Non-Hazardous Identity (trade name as used on label): MISTY RP-747
Date Prepared: 06/30/93 Prepared By: ES	MSDS Number: WT 235 Revision - 9
Information Calls: (404)422-2071 EMERGENCY RESPONSE NUMBER: 1(800)255-3924	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	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
SODIUM NITRITE	7632-00-0	No	N/E	N/E	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
Boiling Point: 100°C	Specific Gravity (H2O=1): 1.18
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): Not known
Vapor Density (Air = 1): Not known	Evaporation Rate (water = 1): 1.0
Solubility in Water: Miscible	Water Reactive: No
Appearance and Odor: Water based, clear, red, non-viscous liquid with no odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA		
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A	Auto Ignition Temperature N/A	Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A
FLASH POINT AND METHOD USED (non-aerosols): Non-combustible	EXTINGUISHER MEDIA: Non-combustible. Use media appropriate for surrounding fire.	
SPECIAL FIRE FIGHTING PROCEDURES: See below. Use NIOSH approved self-contained breathing apparatus.	Unusual Fire & Explosion Hazards: Temperatures above 320°C will release oxides of nitrogen, which are toxic & are oxidizers & leave a caustic residue.	

SECTION 4 - REACTIVITY HAZARD DATA	
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Incompatibility (Mat. to avoid): Contact with acids & reducing agents.	Conditions to Avoid: Excessive temperatures.
Hazardous Decomposition Products: If heated to decomposition, toxic oxides of nitrogen & boron may result. Nitrogen oxides are oxidizers. Residue may be caustic.	

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 <input type="checkbox"/> NOT HAZARDOUS	
ACUTE EFFECTS: Alkaline solution is corrosive to all body tissues.	
Inhalation: Inhalation of spray or mist will cause respiratory tract irritation.	
Eye Contact: Will cause tissue damage.	Skin Contact: Prolonged contact will cause damage.
Ingestion: Corrosive and prolonged contact will cause damage to esophagus.	
CHRONIC EFFECTS: None known.	
Medical Conditions Generally Aggravated by Exposure: Strong irritant to existing cuts and abrasions on contact.	

EMERGENCY FIRST AID PROCEDURES	
Eye Contact: Flush with water for 15 minutes. If irritation persists, get medical attention.	
Skin Contact: Wash with soap and water. If irritation persists or ulceration develops, get medical attention.	
Inhalation: Remove to fresh air. If irritation persists, get medical attention.	
Ingestion: DO NOT INDUCE VOMITING. Drink large quantity of water. Get immediate medical attention.	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES	
Respiratory Protection (specify type): None normally needed.	
Protective Gloves: Rubber, if desired.	Eye Protection: Goggles or face shield.
Ventilation Requirements: Normal ventilation is adequate.	
Other Protective Clothing & Equipment: Eyewash station and safety shower.	
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling, before using restroom facilities.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps To Be Taken If Material Is Spilled Or Released: DO NOT drain into sewers or surface waters. Soak up in absorbent material & seal in properly labeled non-leaking containers for proper authorized hazardous waste disposal.	
Waste Disposal Methods: Dispose of in authorized waste disposal facility in accordance with all local, state and federal regulations.	
Precautions To Be Taken In Handling & Storage: Store in original container. Keep container sealed when not in use. Shelf life one year. Protect from extreme cold.	
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read and follow label directions.	

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 or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

36410

Item # 36410
M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT NAME: 6438

(As used on label) S/O Num: 38361 Date Prepared: 12/ 1/91

NFPA RATINGS: Health = 2 , Flammability = 0 , Reactivity = 0 , Special Hazard = NA

SECTION I (Manufacturer and Emergency Information)

CH2O Incorporated P.O. Box 1190 Olympia, WA 98507 1-206-943-6063 *****IN AN EMERGENCY:Call Chemtrec 1-800-424-9300 *****

SECTION II (Ingredient Identity and Information)

% OSHA PEL ACGIH TLV

This product is a proprietary chemical mixture.

SECTION III (Physical / Chemical Characteristics)

Specific Gravity: 1.1 pH (1% soln.): 8-10 % Volatile: 80+
 Solubility (in H2O): Complete Appearance and Odor: Clear liquid; mild odor.

SECTION IV (Fire and Explosion Hazard Data)

FLASH POINT (closed cup; F): **EXTINGUISHING MEDIA:** Water, Foam, Dry Chemical, Carbon Dioxide
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained, positive pressure breathing apparatus and full fire fighting clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
 Strong oxidizer when water is removed. Combustible materials may catch fire more easily after being wet with this product and then dried. Fires are difficult to extinguish. Releases toxic gases at high temperatures (490oC).

SECTION V (Reactivity Data)

STABILITY: Stable: X Unstable:
INCOMPATIBILITY: Acids, ammonium salts, amines, activated carbon, cyanides, reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Nitrogen oxide gases; nitrosamines.

SECTION VI (Health Hazard Data)

ROUTE(S) OF ENTRY: Ingestion: X Inhalation: X Skin: X

HEALTH HAZARDS (Acute and Chronic):

This product is a mild irritant. Eye contact will cause irritation. Sensitive individuals may develop dermatitis upon prolonged or repeated contact with product.

CARCINOGENICITY: NTP: IARC: OSHA:

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NA

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with large amounts of water, lifting upper and lower lids occasionally.
SKIN: Wash exposed areas thoroughly with soap and water until slick feeling is gone.
 Remove contaminated clothing and laundry before use.
INGESTION: Give large quantities of water. DO NOT INDUCE VOMITING. If vomiting occurs administer additional fluids.
 Never give anything by mouth to an unconscious person.
INHALATION: Remove individual to fresh air. If breathing is difficult give oxygen.
 GET MEDICAL ATTENTION IF SYMPTOMS PERSIST

SECTION VII (Safe Handling And Use)

SPILL RESPONSE: Only trained personnel equipped with proper protective gear should be permitted in the area.
 Stop spill at source. Collect any possible material for reuse. After all visible traces have been removed, flush area thoroughly with fresh water.
WASTE DISPOSAL METHOD: Dispose of all waste in accordance with local, state, and federal regulations.
 Care must be taken in disposal of product/container to prevent environmental contamination.
HANDLING AND STORAGE: Keep out of reach of children. All product containers must be labeled. Close container after each use.
 Eye wash fountain recommended in work area.

SECTION VIII (control measures)

RESPIRATORY PROTECTION: Respiratory protection required for misty/dusty conditions.
VENTILATION: Local Exhaust: X Mechanical: **PROTECTIVE GLOVES:** X **EYE PROTECTION:** X
OTHER PROTECTIVE MEASURES: Impervious clothing as necessary to minimize contact with product.
WORK / HYGENIC PRACTICES: Never touch face with hands or gloves that may be contaminated with product.
 Always wash hands thoroughly before eating, drinking, smoking, or using toilet facilities.

DISCLAIMER: The information on this Material Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or method of application which is not described in the Product Data Sheet is the responsibility of the user.