

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements

IDENTITY (As Used or Label and List) **AQUA-VAC** Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that

Section I

Manufactured for	American Industrial Supply Inc	Emergency Telephone Number	1-800-255-3924
Address (Number, Street, City, State, and ZIP Code)		Telephone Number for Information	(818)841-7788
	4514 Vanowen Street	Date Prepared	March 11, 1997
	Burbank, CA 91505	Signature of Preparer (optional)	FRED MATTHEWS

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common)	CAS NUMBER	OSHA PEL	ACGIH TLV	% (optional)
CALCIUM CHLORIDE	010043-52-4	N/A	N/A	90-97%
SODIUM CHLORIDE	007647-14-5	N/A	N/A	1-2%
POTASSIUM CHLORIDE	007447-40-7	N/A	N/A	2-3%
STRANTIUM CHLORIDE	010476-85-4	N/A	N/A	0-1%

Section III - Physical/Chemical Characteristics

Boiling Point	1500° F/81°C	Specific Gravity (H2O = 1)	2.2.
Vapor Pressure	0.005 mmhs/20C	Melting Point	APPROX. 1424G, 772C
Vapor Density (AIR = 1):	N/A	Evaporation Rate	N/A

Solubility in Water: VERY SOLUBLE
Appearance and Odor: WHITE TO OFF-WHITE SOLID PELLETS/ODORLESS

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used: N/A)	Flammable Limits: N/A	LEL:	UEL:
Extinguishing Media: THE MATERIAL DOES NOT BURN			

Special Fire Fighting Procedures:
KEEP PEOPLE AWAY. ISOLATE FIRE AREA AND DENY UNNECESSARY ENTRY

Unusual Fire and Explosion Hazards:
N/A

Section V – Reactivity Data

Stability HYGROSCOPIC	Unstable	<input type="checkbox"/>	Conditions to Avoid: CONTACT WITH SULFURIC ACID, ZINC, SODIUM, SPATTERING OR BOILING CAN OCCUR
	Stable	<input checked="" type="checkbox"/>	

Incompatibility (Materials to Avoid): CORROSIVE TO SOME METALS, BRASS, MILD STEEL, ALUMMINUM

Hazardous Decomposition or By products: DOES NOT DECOMPOSE

Hazardous	May Occur	<input type="checkbox"/>	Conditions to Avoid: CONTACT WITH SULFURIC ACID
	Will not Occur	<input checked="" type="checkbox"/>	

Section VI – Health Hazard Data

Route(s) of Entry	Inhalation? NO	Skin? NO	Ingestion? NO
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Health Hazards (Acute and Chronic): IF SWALLOWED, SEEK MEDICAL ATTENTION. DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL.

Carcinogenicity: N/A	NTP?	NO	IARC Monographs?	N/A	NO	OSHA Regulations?	N/A	NO
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Signs and Symptoms of Exposure: PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN IRRITATION, EVEN A BURN. IF BURN IS PRESENT, TREAT AS ANY THERMAL BURN, AFTER DECONTAMINATION.

Medical conditions: TREATMENT BASED ON JUDGEMENT OF THE PHYSICIAN IN RESPONSE TO REACTIONS OF THE PATIENT.

Emergency and First Aid Procedures: EYES: IRRIGATE WITH FLOWING WATER IMMEDIATELY AND CONTINUOUS FOR 15 MINUTES. CONSULT MEDICAL PERSONNEL.

Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: ISOLATE AREA. AVOID CONTACT WITH EYES OR SKIN. MAY BE A SLIPPING HAZARD.

Waste Disposal Method: ALL DISPOSAL METHODS MUST BE IN COMPLIANCE WITH ALL FEDERAL STATE, AND LOCAL LAWS, AND REGULATIONS. REGULATIONS VARY IN DIFFERENT LOCATIONS

Precautions to Be Taken in Handling and Storing: HEAT DEVELOPED DURING DILUTING OR DISSOLVING IS VERY HIGH. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. STORE IN A DRY PLACE.

Other Precautions:

Section VIII – Control Measures

Respiratory Protection (Specify Type): WHEN RESPIRATORY PROTECTION IS REQUIRED. USE AN AIR PURIFYING RESPIRATOR

Ventilation NONE	Local Exhaust: none	Special: RESPIRATOR
	Mechanical (General): N/A	Other:

Protective Gloves: ONLY IN HEAVY CONTACT AND USE Eye Protection: SAFETY GLASSES.

Other Protective Clothing or Equipment:

Work/Hygienic Practices: KEEP AREA CLEAN OF OTHER CHEMICALS.