

MATERIAL SAFETY DATA SHEET

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SECTION I – GENERAL INFORMATION

TRADE NAME	CALAR
CHEMICAL NAME	Calcium Acid Methanarsonate
CHEMICAL FAMILY	Organo-Arsenical
EPA REG. NO.	63239-15-19713
SIGNAL WORD	CAUTION

SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Calcium Acid Methanearsonate	5902-95-4	10.3	N/A	H
Inerts	N/A	89.7	N/A	NH

SECTION III – PHYSICAL DATA

Boiling Point	215.6°F	Specific Gravity	1.12
Vapor Pressure	Negligible	% Volatiles	Negligible
Vapor Density	N/A	Solubility in Water	Completely soluble
pH	4.2-4.7	Appearance/Odor	Colorless, Odorless

SECTION IV – FIRE & EXPLOSION DATA

Flash Point	>200°F (93.33°C) non-combustible
Extinguishing Media	Carbon dioxide, dry chemical, foam or water spray
Fire Fighting Procedures	Assure self-contained breathing apparatus is worn. Stay upwind. Prevent runoff, if possible.

SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Strong reducing agents
Incompatibility	Bases, heavy metal salts
Hazardous Decomposition Products	May release arsine gas
Hazardous Polymerization	Will not occur

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	N/A
Toxicity Data	Oral LD50 (Rat) = 6,000 mg/kg
TLV	N/A
N.F.P.A.	Health: 3, Fire: 0, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Burning of throat, colicky stomach pains, garlic odor of breath or skin.

SECTION VII – EMERGENCY PROCEDURES

If Swallowed: Call a physician immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If on Skin: Wash with plenty of water. Get medical attention if irritation persists.

If Inhaled: Remove victim to fresh air. Apply artificial respiration, preferably mouth-to-mouth, if indicated.

If in Eyes: Flush with plenty of water. Get medical attention if irritation persists.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill
Neutralize with lime. Absorb spills with absorbent clay or vermiculite. Place in suitable containers. Assure protective clothing is worn.

Waste Disposal Method
Dispose of in accordance with Local, Federal, and State Regulations.

SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	NIOSH approved pesticide respirator
Ventilation	General recommended
Protective Gloves	Rubber impervious
Eye Protection	Chemical goggles
Other	Coveralls, long-sleeved shirt, rubber boots, and rubber apron

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage
KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.
Keep material in original containers. Store away from foodstuffs. Avoid contact with skin and eyes. Wash hands after using.

D.O.T. Description	Non-Regulated
Freight Description	Agricultural Herbicide, Liquid, N.O.S.
Reportable Quantity	N/A
E.R.G. Guide Sheet	N/A

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