

# MATERIAL SAFETY DATA SHEET

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Emergency Telephone No.

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## SECTION I – GENERAL INFORMATION

TRADE NAME	<b>MSMA 6.6</b>
CHEMICAL NAME	Monosodium Acid Methanearsonate
CHEMICAL FAMILY	Organic Arsenical (Herbicide)
EPA REG. NO.	19713-41
SIGNAL WORD	CAUTION

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

<u>NAME</u>	<u>CAS NO.</u>	<u>% (by wt.)</u>	<u>TLV</u>	<u>CLASS</u>
MSMA	2163-80-6	51.3	0.5 mg/m3 H	
Inerts	N/A	48.7	N/A	NH

## SECTION III – PHYSICAL DATA

<u>Boiling Point</u>	>212°F	<u>Specific Gravity</u>	1.57 gm/ml
<u>Vapor Pressure</u>	N/A	<u>% Volatiles</u>	Approx. 45%
<u>Vapor Density</u>	0.6 mmHg	<u>Solubility in Water</u>	Complete
<u>pH</u>	5-6.5	<u>Appearance/Odor</u>	Light green liquid, slight odor

## SECTION IV – FIRE & EXPLOSION DATA

Flash Point	Non-Combustible
Extinguishing Media	Water, foam, CO <sub>2</sub> , or dry chemical. Prevent runoff from entering waterways.
Fire Fighting Procedures	Wear self-contained breathing apparatus in confined areas.

## SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Aluminum or galvanized equipment
Incompatibility	Heavy metal salts may precipitate compound
Hazardous Decomposition Products	Reducing agents may release arsine gas
Hazardous Polymerization	Will not occur

## SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	N/A
Toxicity Data	Oral LD50 (Rat) = 2,833 mg/kg Dermal LD50 (Rabbit) = 2,500 mg/kg
TLV	0.5 mg/m3
N.F.P.A.	Health: 3, Fire: 0, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Possible irritation to eyes and skin. Colicky stomach pains. Do not ingest.

## SECTION VII – EMERGENCY PROCEDURES

**If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person.

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.

**If on Skin:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes.

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

## SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill  
Absorb spills in inert material or absorbent. Keep children and animals from spill area until decontaminated. Assure protective clothing is worn. Prevent runoff from entering waterways.

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

## SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	NIOSH approved pesticide respirator
Ventilation	Normal
Protective Gloves	Chemical-resistant
Eye Protection	Chemgoggles
Other	Long-sleeved shirt, long pants, chemical resistant footwear plus socks, chemical-resistant apron.

## SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage  
**KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.**

Harmful if swallowed. May cause irritation of eyes, nose, throat and skin. Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Do not contaminate feed and foodstuffs.

D.O.T. Description	Non-Regulated
Freight Description	Agricultural Herbicide, Liquid, N.O.S.
Reportable Quantity	N/A
E.R.G. Guide Sheet	171

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