



LUXEMBOURG

LUXEMBOURG - PAMOL, INC.
5100 Poplar Avenue, Suite 2700
Memphis, Tennessee 38137

General Information No. 901-761-9475
In case of Emergency 1-800-424-9300

Page 1 of 2

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product Name : Target® 6.6
Pesticide Class : Herbicide
General Use : Post-emergent weed control
EPA Registration : 42519-1
Synonyms : Monosodium methanearsonate (MSMA)

2. COMPOSITION / INFORMATION ON INGREDIENTS

ACTIVE INGREDIENT

Chemical Name : Monosodium methanearsonate
Chemical Family : Organo-arsenic compounds
Formula : CH₄AsO₃Na
Molecular Weight : 161.94

| <u>Component</u> | <u>wt. %</u> | <u>CAS Registry</u> |
|----------------------------|--------------|---------------------|
| Monosodium methanearsonate | 51 | 2163-80-6 |

3. PHYSICAL DATA

Appearance : Clear liquid; colorless to light yellow/green/brown
Odor : None
Density : 1.55 g/ml
Melting Point : Not Applicable
Boiling Point : 107-120 °C
Freezing Point : -25 - -15 °C
Solubility in Water (% by Wt.) : 58.3% w/w at 25°C
pH : 5.5 - 6.0
Vapor Pressure : Not Available
Vapor Density (Air=1) : 0.6
Evaporation Rate (n-BuAc = 1) : Ca. 0.7

4. FIRE AND EXPLOSION DATA

Flashpoint and Method : Not Combustible
Flammable Limits : Not Applicable
Autoignition Temperature : Not Combustible
Extinguishing Media: Dry chemical or Carbon Dioxide (CO₂)
. Do not use water or foam, as this may spread product.
Special Fire Fighting Procedures: Fire fighting personnel must wear pressure-demand, self contained breathing apparatus (SCBA) for all indoor fires and significant outdoor fires.
Unusual Fire and Explosion Hazard: Toxic fumes may be generated in fire situations.

5. HEALTH HAZARD INFORMATION

Acute Toxicological Data:

Oral Toxicity (LD₅₀) : 2833 mg/kg (rat)
Dermal Toxicity (LD₅₀) : >2000 mg/kg (rabbit)
Inhalation (4-hour LC₅₀) : 2.20 mg/L (rat)
Eye Irritation : Not a primary irritant
Skin Irritation : Not a primary irritant
Dermal Sensitization : Not a contact sensitizer

Potential Health Effects:

Inhalation: May be irritating to the respiratory tract and mucous membranes.
Skin: Mildly irritating with repeated or prolonged contact. Not readily absorbed through unbroken skin.
Eyes: May cause slight irritation, and conjunctivitis (inflammation if the inner surface of the eye lids), which may persist for several days unless eyes are promptly flushed with water.
Ingestion: Slightly toxic. Breath may have garlic odor. Toxic doses may cause burning of the throat, stomach pain, headache, dizziness, stupor, vomiting, diarrhea, convulsions, paralysis and/or death.
Chronic Effects: Persistent irritation, salty taste in mouth, burning sensation in throat, stomach pains.

Emergency First Aid Procedures: *Call a physician immediately in all cases of suspected poisoning.*

Inhalation: Remove victim from exposure by moving to an area of fresh air. If breathing is difficult or absent, send for immediate medical attention. If breathing has stopped, artificial respiration should be started by qualified personnel. Oxygen may be administered by qualified personnel.
Ingestion: If conscious, ensure airway is clear, then have victim drink several glasses of water and induce vomiting by sticking fingers in back of throat. Never give anything by mouth to an unconscious person. Obtain immediate medical attention.
Eyes: Immediately flush with water for at least 15 minutes, hold eyelids open to ensure adequate flushing of the entire eye. If irritation or discomfort develops, seek medical attention.
Skin: Wash affected area with soap and water. If irritation or discomfort develops, seek medical attention.

