

# MATERIAL SAFETY DATA SHEET

**I. PRODUCT IDENTIFICATION**

Product Name .....SHAW'S TRIMEC WITH PLANT FOOD  
Common Name .....Lawn Weed Killer with Plant Food  
UN/MA# .....N/A DOT Hazard Class .....N/A  
Shipping Name .....Fertilizer/Herbicide (Manufactured Fertilizer) NOI,  
Dry

**II. INGREDIENTS & RECOMMENDED OCCUPATIONAL EXPOSURE LIMITS**

Exposure Limits .....  
Material - Formula - Cas. No. - % Wt. - Osha-Pel - Acgih-TLV \*SEE  
ADDENDUM I

**III. PHYSICAL DATA**

Boiling Point .....N/I  
Vapor Pressure (mm Hg.) .....N/I  
Vapor Density (Air = 1) .....N/I  
Solubility in Water .....Insoluble  
Appearance and Odor .....Granules; slight phenoxy odor  
Specific Gravity (H2O = 1) .....0.00  
Melting Point .....N/I  
Evaporation Rate (Butyl Acetate = 1) .....N/I

**IV. FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method) .....N/I  
NFPA Rating, ..... Health 1 - Fire 0 - Reactivity 0 - Personal Protection E  
Flammable Limits (Lel) .....N/I  
(Uel) .....N/I  
Extinguishing Media .....Foam, CO2, Dry Chemical  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing  
apparatus and chemical-resistant gear. Keep run-off out of environmental waters.

**V. REACTIVITY DATA**

Stability .....This is a stable material  
Incompatibility .....None Known  
Hazardous Decompositions or Byproducts .....If burned, nitrogen oxides, sulfurous  
oxides and hydrogen chloride gas  
may be formed.  
Hazardous Polymerization .....Will not occur.

**VI. HEALTH HAZARD DATA**

**ROUTE(S) OF ENTRY:** Contact, Inhalation, Ingestion.  
**HEALTH HAZARDS (ACUTE AND CHRONIC)**  
**EYES:** Contact may cause irritation.  
**SKIN:** Contact may irritate skin.  
**INHALATION:** May irritate respiratory tract.  
**INGESTION:** May irritate gastrointestinal tract.  
**SIGNS AND SYMPTOMS OF EXPOSURE:** N/I  
**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY**  
**EXPOSURE:** N/I

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** Flush with copious amounts of clean water for 10 - 15 minutes, holding  
lids open. If irritation persists, seek medical attention.  
**SKIN:** Bathe and shampoo with soap and water to remove chemicals from skin  
and hair. If irritation persists, seek medical attention. Launder contaminated  
clothing separately, prior to reuse.  
**INHALATION:** Remove victim to fresh air. Apply artificial respiration if  
needed. If irritation persists, seek medical attention.  
**INGESTION:** Call a physician or Poison Control Center.  
**OTHER HEALTH WARNINGS:**  
Notes to physician: Treat symptomatically. Chlorophenoxy compounds are usually  
excreted in approximately 72 hours.

**VII. PRECAUTIONS FOR SAFE HANDLING AND USE**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR**  
**SPILLED:** Do not touch spilled material. Wear protective clothing, chemical-  
resistant gloves and shoes, safety glasses or goggles. If exposure level is high, wear  
a dust/mist respirator, NIOSH/MSHA approval number TC-21C. collect spilled  
material for reuse if possible. If other than original container is used, label new  
container for this product. Collect unusable material into DOT drum for disposal.  
Wash area with water if possible.

**WASTE DISPOSAL METHOD:** Dispose of DOT drum, waste water and any  
other waste according to local, state and Federal regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store  
this product in original container in a locked storage area inaccessible to children  
and pets. Do not store near feed, seed or food; other herbicides, fertilizers or  
insecticides, to prevent cross-contamination.

**OTHER PRECAUTIONS:** Do not use directly on water. Do not apply when  
weather conditions favor drift from target area. Do not contaminate water supplies  
when disposing of equipment wastewaters. Do not reuse bag. Empty container  
may be disposed of in licensed sanitary landfill.

**VIII. CONTROL MEASURES**

**VENTILATION REQUIREMENTS:** Good general ventilation is required if  
product is not applied outdoors.

**PERSONAL PROTECTIVE EQUIPMENT:**

**RESPIRATORY PROTECTION:** Dust/mist respirator, NIOSH/MSH/  
approval number TC-21C is recommended if product application is dusty.  
**PROTECTIVE CLOTHING:** Long sleeves and pants; chemical-resistant  
gloves and shoes.  
**EYE PROTECTION:** Goggles are recommended.

**IX. ADDITIONAL INFORMATION**

**ADDITIONAL MANUFACTURER WARNINGS:**  
TSCA Status: Exempt.

Recommended Hazard Summary (Defined by 29 CFR 1910.1200):  
Immediate health hazard.

**NOTE:** NI means not indicated.

**OTHER PRECAUTIONS AND COMMENTS:**

The information and statements in this Material Safety Data Sheet are  
believed to accurately reflect the scientific evidence used in making the  
hazard determination, but is not to be construed as a warranty or  
representation for which we assume legal responsibility. Additional  
information may be necessary or desirable depending on particular,  
exceptional or variable conditions or circumstances of use or storage, or  
because of locally applicable laws or government regulations. Therefore, you  
should use this information only as a supplement to other information  
available to you and must make independent determinations of the suitability  
of the information for your particular circumstances or conditions and of the  
completeness of the information available from all sources to assure both the  
proper use of the material described herein and the safety and health of  
employees.

**ADDENDUM I**

Product Name ..... Trimec with Plant Food	MSDS.....	02217-580-8378
Original Issue..... 3/93		02217-744-8378
Exposure Limits... See below		02217-659-8378
Revised 5/21/01		02217-658-8378
		02217-661-8378
		02217-603-8378
		2217-581-8378
		2217-801-8378

II. INGREDIENTS AND RECOMMENDED OCCUPATIONAL EXPOSURE LIMITS -  
NOTE: Consult the guaranteed analysis statement on the above product container to determine  
which below materials are found in that product.

MATERIALS	FORMULA	CAS. #	% WT.	OSHA- PEL	ACGIH- TLV
2,4 Dichlorophenoxyacetic Acid (2,4-D)		94-75-7	0.159-0.728	10mg/m3	5mg/m3
2-(2-Methyl-4-Chlorophenoxy) Propionic Acid (mecoprop)		93-65-2	0.204-0.641	NE	NE
3,6- Dichloro-O-Anisic (Dicamba)		1918-00-9	0.043-0.107	NE	NE
2-Methyl-4-Chlorophenoxyacetic Acid (Mepa)		94-74-6	.0982		
Dimethylamine (DMA)		124-40-3	0.239	10ppm	10ppm
Urea	N2H4CO	57-13-6	0-75	NE	NE
Diammonium Phosphate	N2H9PO4	7783-28-0	0-40	50ppm(as NH3)	25ppm(as NH3)
Potassium Chloride	KCL	7447-40-7	0-70	NE	NE
Limestone	CaCO3	1317-65-3	0-50	NE	NE
Dolomitic Limestone	CaCO3(+MgCO3)	16389-88-1	0-40	NE	NE
Ammonium Sulfate	N2H8SO4	7783-20-2	0-75	50ppm(as NH3)	25ppm(as NH3)
Potassium Sulfate	K2S04	7778-80-5	0-20	NE	NE
Super Sulfate	CaH4P2O8	7758-23-8	0-10	NE	NE
Corneobs (Pulverized)	--	NE	0-60	NE	NE
Calcium Lignosulfonate	--	68131-31-7	0-01	NE	NE
Mineral Oil	--	NE	0-01	NE	NE
Sulfur	S	7704-34-9	0-20	NE	NE
Conditioners, Impurities	--	NE	0-01	NE	NE
Sulfur Coated Urea	NA	NE	0-25	NE	NE
Urea Formaldehyde	NA	9011-05-6	0-25	NE	NE
Nutralene	NA	NE	0-25	NE	NE
Peanut Hulls	NA	NE	0-50	NE	NE

\*NE - NOT ESTABLISHED

The following dust limits apply:

CLASS	OSHA-PEL	SCGIH-TLV
Total Dust (In Air)	15 mg/m3	10 mg/m3
Respirable Dust (In Air)	5 mg/m3	5 mg/m3