

# MATERIAL SAFETY DATA SHEET

**PRODUCT: MS201 V-1500 NON-SELECTIVE WEED KILLER**

**Material Safety Data Sheet**

May be used to Comply with  
OSHA's Hazard Communication Standard 29 CFR 1910.  
Standard must be consulted for specific requirements

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

**Identity** (As Used On Label and List)

920	V-1500 Weed Killer	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—Manufacturer's Name (Address, Street, City, State, & Zip Code)	HAZARD RATING																
Venus Laboratories, Inc. Midwestern Division 855 Lively Blvd. Wood Dale, IL 60191	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Emergency Telephone Number 1-800-592-1900</td> <td style="width: 10%;">HEALTH</td> <td style="width: 10%;">2</td> <td style="width: 20%;">0 - Minimal</td> </tr> <tr> <td>Telephone Number for Information (830) 596-1900</td> <td>FLAMMABILITY</td> <td>2</td> <td>1 - Slight</td> </tr> <tr> <td>Date Prepared</td> <td>REACTIVITY</td> <td>0</td> <td>2 - Moderate</td> </tr> <tr> <td>Revised: 4/18/01</td> <td colspan="3">Protective Equipment: Goggles, Gloves</td> </tr> </table>	Emergency Telephone Number 1-800-592-1900	HEALTH	2	0 - Minimal	Telephone Number for Information (830) 596-1900	FLAMMABILITY	2	1 - Slight	Date Prepared	REACTIVITY	0	2 - Moderate	Revised: 4/18/01	Protective Equipment: Goggles, Gloves		
	Emergency Telephone Number 1-800-592-1900	HEALTH	2	0 - Minimal													
	Telephone Number for Information (830) 596-1900	FLAMMABILITY	2	1 - Slight													
	Date Prepared	REACTIVITY	0	2 - Moderate													
Revised: 4/18/01	Protective Equipment: Goggles, Gloves																

Section II—Hazardous Ingredients / Identity Information	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Hazardous Components (Specify Chemical Identity, Common Names)				
Fuel Oil, CAS #64741-44-2	Not Est.	Not Est.	N/A	

Section III—Physical Chemical Characteristics			
Boiling Point	>350°F	Specific Gravity (WATER =1)	0.850
Vapor Pressure	1-10 MM Hg @ 100°F	Melting Point	N/A
Vapor Density	N/D	Evaporation Rate	Not Determined
Solubility in Water	Negligible		
Appearance and Odor	Light amber, kerosene odor		

Section IV—Fire and Explosion Hazard Data			
Flash Point 130°F (Min) TCC	Flammable Limits	LEL	UEL
		0.7	5.0
Extinguishing Media Only UL approved class B fire extinguishing media such as foam, CO <sub>2</sub> , Halon 1211 or dry chemical. Water spray should be used only by qualified fire fighting personnel.			
Special Fire Fighting Procedures Avoid use of water streams. Avoid excessive water spray application. Water can be used to cool exposed surfaces. Wear self-contained breathing apparatus.			
Unusual Fire and Explosion Hazards None			

Stability	Unstable	Conditions to Avoid heat, open flame
	Stable	
	X	
Incompatibility (Materials to Avoid)	Avoid contact with oxidizers	

Hazardous Decomposition or Byproducts	Carbon monoxide, aldehydes, aromatics, other hydrocarbons		
---	---	--	--

Hazardous Polymerization	May Occur	X	Conditions to Avoid	None
	Will Not Occur			

**Section VI—Health Hazard Data**

Route(s) of Entry:	Inhalation?	yes	Skin?	yes	Ingestion?	yes
--------------------	-------------	-----	-------	-----	------------	-----

**Health Hazards (Acute and Chronic)**

Acute: Eyes—may result in slight eye irritation.

Skin—prolonged or repeated contact can cause defatting and drying of the skin which may produce severe irritation or dermatitis.

Inhalation—high vapor concentrations may produce headache, giddiness, vertigo, and anesthetic stupor.

Ingestion—may result in nausea, vomiting, diarrhea and restlessness.

Chronic: None known

Carcinogenicity:	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
------------------	-------------	-------------------------	------------------------

Signs and Symptoms of Exposure	Eye and skin redness/irritation plus headache or anesthetic stupor		
--------------------------------------	--	--	--

Medical Conditions Generally Aggravated	None known
--	------------

Emergency and First Aid Procedures	Eyes—flush eyes with large amounts of water for at least 15 minutes. If symptoms or irritation occur, call a physician.
	Skin—wash with soap and large amounts of water. Remove contaminated clothing. If symptoms or irritation occur, call a physician.
	Inhalation—move person to fresh air. If not breathing, give artificial respiration. Call a physician. Ingestion—do not induce vomiting, do not give liquids. Immediately call a physician.

**Section VII—Precautions For Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled	Keep public away. Ventilate area. Shut off source of leak if possible to do so without hazard. Eliminate all ignition sources. Contain liquid with sand or soil. Recover and return free liquid to source. Use suitable sorbents to clean up residual liquids.
---	--

Waste Disposal	Dispose of clean up materials in accordance with applicable local, state and federal regulations.
----------------	---

Precautions to be Taken in Handling and Storage	Avoid repeated or prolonged skin contact. Store in clearly marked containers in a relatively cool location. Do not expose to heat, open flame or oxidizers.
--	---

Other Precautions	Keep away from children.
-------------------	--------------------------

**Section VIII—Control Measures**

Respiratory Protection (Specify Type)	Approved organic vapor chemical cartridge or supplied air respirators should be worn when excessive vapors or mists are generated
--	---

Ventilation	Local Exhaust	Only if mechanical is inadequate	Special	None necessary
	Mechanical (General)	Satisfactory	Other	None necessary

Protective Gloves	Neoprene, Nitrile, or PVC	Eye Protection	Goggles
-------------------	---------------------------	----------------	---------

Other Protective Clothing or Equipment	Eye wash station	Work / Hygienic Practices	Observe good personal hygiene. Wash hands before eating, avoid inhalation or ingestion.
---	------------------	------------------------------	---