Material Safety Data Sheet	S. Department of Labor							
		cupational Safety and Health Administration						
		on-Mandatory Form)						
		rm Approved						
consulted for specific requirements	ON	IB No. 1218-0072						
IDENTITY (As Used on Label and List) TRA-MIN SWINE/POULTRY™	The information contained herein is based on data Considered accurate: however, no warranty either expressed or implied of any nature with respect to the product or the data is made.							
Section I								
Manufacturer's Name ANIMAL SCIENCE PRODUCTS	Emergency Telephone Number 1-800-424-9300 CHEMTREC							
Address (Number, Street, City, and ZIP Code) FM 1275 SOUTH, NACOGDOCHES, TX, 7596	Telephone Number for Information 1-800-657-2324 ANIMAL SCIENCE PRODUCTS							
P.O. DRAWER 631408	Date Prepared 6/26/96							
	Signature of Preparer (optional)							
Section II-Hazardous Ingredients/Identity Information								
Hazardous Components (Specific Chemical Identity; Common Nam	ACGIH TLV Other Recor	limits of mmended	% (optiona	I)				
Calcium carbonate, ferrous sulfate, manganous oxide, zinc oxide, copper sulfate and calcium iodate								
Section III - Physical/Chemical Characteristics								
Boiling Point:	NA	Specific Gravity (H <sup>2</sup> O = 1)		NA				
Vapor Pressure (mm Hg.)	NA	Melting Point		NA				
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl	Acetate = 1) NA					
Solubility in water: Some components may be water	r soluble.							
Appearance and Odor: White, brown, red, and gray mixtures of minerals.								
Section IV - Fire and Explosion Hazard Data								
Flash Point (Method Used): Not combustible	Flammable Limits:	LEL NA	UEL	NA				
Extinguishing Media: Foam, co <sub>2.</sub> dry chemical or water.								
Special Fire Fighting Procedures: In the event of fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operatedin the pressure demand or other positive pressure mode.								
Unusual Fire Fighting and Explosion Hazards: Not combustible								

Section V - Reactivity Data								
Stability	Unstable		Conditions to Avoid:	Extreme heat.				
	Stable	Stable under ordinary conditions						
Compatibility (Materials to Avoid): NA								
Hazardous Decomposition or Byproducts: May decompose if heated to produce irritating or toxic combustion products.								
Hazardous	May Occur		Conditions to Avoid:					
Polymerization	Will Not Occur	Will not occur						
Section VI - Health Hazard Data								
Route(s) of Entry	:	Inhalation? Yes Skin? Yes	Ingestion? Yes	Eyes? Yes				
Health Hazards (Acute and Chronic): Cobalt, Copper, Zinc, and Selenium salts may have oral human lethal doses in the range of 50 to 500 mg/kg.								
Carcinogenicity:	No I	NTP? No IARC M	onographs? No	OSHA Regulated?				
Signs of Symptoms of Exposure: Ingestion of large doses of mineral salts usually cause vomiting, but the acute effects are described as nausea, chills, and diarrhea. Eye or skin irritation may occur following ingredient contact.								
Medical Condition	ns Generally	Aggravated by Exposure:						
<ul> <li>Eye Contact: Flush eyes immediately with water for 15 minutes. Seek medical attention if irritation persist.</li> <li>Ingestion: Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician immediately.</li> <li>Inhalation: Remove to fresh air and seek medical attention for any breathing difficulty.</li> </ul>								
Section VII - Pre	cautions for	Safe Handling and Use						
Steps to Be Taken in Case Material is Released or Spilled: Ventilate area. Clean- up personnel require respiratory protection. Recover uncontaminated material for use. Vacuum or sweep remaining material, keeping dust to a minimum.								
Waste Disposal Method: Dispose of unreclaimable material in a RCRA-approved waste facility.								
Precautions to Be Taken in Handling and Storing: Protect containers from damage and keep closed when not in use.								
Other Precautions: Observe good personal hygeine. Wash after handling.								
Section VIII - Control Measures								
Respiratory Protection (Specify Type):								
Ventilation	Local Exha	ust: Recommended	Special:					
	Mechanica	(General):	Other:					
Protective Gloves: Yes Eye Protection: Yes								
Other Clothing or Equipment: Use other protective equipment when necessary in order to avoid prolonged exposure to skin.								
Work/Hygienic Practices: Observe good personal hygiene. Wash after handling.								