

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: Viper Products
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SECTION 1 - IDENTIFICATION

Product Name: Water Base Spray Grain

SECTION 11 - HAZARDOUS INGREDIENTS

INGREDIENT(S):	PERCENT	OCCUPATIONAL EXPOSURE LIMITS: TLV	VAPOR PRESSURE: PEL
1-methyl-2-pyrrolidinone; N-methyl Pyrrolidone; Cas#872-50-4	9.1	Not established 100ppm recommended	— .29 @ 20C
N,N-Diethylethanamine; Triethylamine; CAS#121-44-8	1.6	10ppm	10ppm 54 @ 20C

SECTION 111- PHYSICAL DATA

BOILING POINT: 192-396 F
VAPOR DENSITY: Heavier than air
WT/GAL: 8.8 pounds per U.S. gallon
EVAPORATION RATE: Slower than ether
% VOLATILE WEIGHT: 63

SECTION 1V - FIRE AND EXPLOSION DATA

FLAMMABILITY CLASSIFICATION: OSHA: Combustible Class 111B. DOT Not regulated
FLASH POINT: >200F. Pensky Martens CC
LEL: 1.2% (TEA)
EXTINGUISHING MEDIA: CO2, Water fog, Dry Chemical
UNUSUAL FIRE AND EXPLOSION HAZARDS: Material will not support combustion unless the water has evaporated.
SPECIAL FIREFIGHTING PROCEDURES: Use water spray to cool fore-exposed containers and structures and to prevent pressure build-up.

SECTION V - HEALTH HAZARD DATA

The health effects of this product have not been tested. The following information is based on the hazards of its componenets.
EFFECTS OF OVEREXPOSURE:
Skin Contact: May cause irritation.
Eye Contact: May cause severe irritation.
Ingestion: May be harmful if swallowed
Inhalation: May cause irritation to nose, throat or lungs.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None Known

PRIMARY ROUTE(S) OF ENTRY: Dermal, inhalation, eye contact.

EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact: Immediately flush eyes with water for at least 15 minutes. The eyelids must be held open and away from the eyeball to ensure that all surfaces are flushed thoroughly. Consult physician.

Skin Contact: Wash effected areas with soap and water.

Inhalation: Remove to fresh air.

Ingestion: Consult Physician

TOXICITY:

N-Mthyl pyrrolidone: May cause sever eye irritation. Prolonged exposures may cause skin irritation. LD50, oral-rat: 4200mg/kg, LD50, skin-rabbit: 8000 mg/kg.

Triethylamine: Primary irritant of mucous membranes and eyes. Toxic by ingestion and skin absorption. LD50, oral-rat: 460mg/kg. LD50, skin-rabbit: 570 mg/kg. LCLo, inhalation-rat: 1000 ppm/4H.

No constituents are listed as carcinogens by NTP, IARC or OSHA

SECTION VI - REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Normal combustion products including carbon dioxide, carbon monoxide, and oxides of nitrogen.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizers.

CONDITIONS TO AVOID: None known.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Ventilate are. Remove sources of spark or flame. Remove with inert absorbent.

WASTE DISPOSAL METHOD: Dispose in accordance with local, state, and federal regulation.

USER RESPONSIBILITY FOR SPILLS AND WASTES: Dispose in accordance with local, state, and federal regulations. This product is not a hazardous waste under RCRA regulations (40 CFR 261).

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: If exposure to spray mists exists, wear NIOSH approved organic vapor/particulate respirator. In case of poor ventilation, use NIOSH approved organic vapor mask.

VENTILATION: Sufficient to keep vapor concentration below limits in Section II.

PROTECTIVE GLOVES: The use of gloves impermeable to the specific material handled is advised to prevent skin contact, possible irritation and absorption.

EYE PROTECTION: Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

OTHER PROTECTIVE EQUIPMENT: No special requirements.

SECTION IX - SPECIAL PRECAUTIONS

HANDLING PRECAUTIONS: Do not get in eyes.

OTHER PRECAUTIONS: Do not take internally. Avoid prolonged or repeated contact with skin. Avoid breathing vapors.

SECTION X - REGULATORY INFORMATION

TSCA: This material may contain components which are NOT included on the Toxic Substances Control Act Inventory of Chemical Substances. It is provided to technically qualified personnel for research purposes only.

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