

RT VANDERBILT CO INC -- VANAX DPG -- 6810-00N093572

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Product Identification
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Product ID:VANAX DPG
MSDS Date:09/11/1986
FSC:6810
NIIN:00N093572
Status Code:A
MSDS Number: CKDBQ
=== Responsible Party ===
Company Name:RT VANDERBILT CO INC
Address:30 WINFIELD STREET
Box:5150
City:NORWALK
State:CT
ZIP:06855
Country:US
Info Phone Num:203-853-1400
Emergency Phone Num:203-853-1400
Resp. Party Other MSDS Num.:G00064
CAGE:1N612
=== Contractor Identification ===
Company Name:R. T. VANDERBILT CO INC
Address:30 WINFIELD STREET
Box:5150
City:NORWALK
State:CT
ZIP:06855
Country:US
Phone:203-853-1400
CAGE:1N612

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Composition/Information on Ingredients
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Ingred Name:1,3 DIPHENYLGUANIDINE

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL, RAT): 350 MG/KG.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: SKIN: CAUSES IRRITATION. MAY
CAUSE ALLERGIC SKIN REACTION IF ABSORBED THROUGH SKIN. EYE: CAUSES
IRRITATION. INGESTION: HARMFUL IF SWALLOWED.
Explanation of Carcinogenicity:NONE.
Effects of Overexposure:MAY CAUSE ALLERGIC SKIN REACTIONS. MAY CAUSE
EYE IRRITATION. EXPOSURE LIMITS: NOT ESTABLISHED FOR PRODUCT. FOR
NUISANCE DUST: OSHA - PEL/TWA 15 MG/M3 (TOTAL). 5 MG/M3
(RESPIRABLE). ACGIH - TLV/TWA 10 MG/M3 (TOTAL). 5 MG/M3
(RESPIRABLE).

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First Aid Measures
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First Aid:EYE CONTACT: FLUSH EYES WITH WATER APPROXIMATELY FOR 15
MINUTES AND CALL A PHYSICIAN. SKIN CONTACT: WASH AFFECTED AREA
THOROUGHLY WITH SOAP AND WATER. LAUNDRER CLOTHING BEFORE REUSE.
INHALATION: MOVE T O FRESH AIR AND KEEP WARM AND QUIET. INGESTION:
SEEK MEDICATION ATTENTION IMMEDIATELY. DO NOT INDUCE VOMITING.

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Fire Fighting Measures
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Flash Point:157C/315F
Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL.
Fire Fighting Procedures:USE NIOSH APPROVED SELF CONTAINED BREATHING
APPARATUS AND FULL PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:NONE KNOWN.

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Accidental Release Measures
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Spill Release Procedures:VACUUM SPILL. WEAR GOGGLES AND GLOVES. AVOID
INGESTION OR INHALATION OF DUST. FLUSH SPILL AREA WITH WATER.

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Handling and Storage
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Handling and Storage Precautions:AVOID BREATHING DUST. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN . USE NIOSH APPROVED FULL FACEPIECE RESPIRATOR IF DUSTY CONDITIONS.

Ventilation:EFFECTIVE VENTILATION TO DRAW FUMES, VAPOR AND DUST AWAY FROM WORKERS TO PREVENT ROUTINE INHALATION.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:ANSI APPROVED EMERGENCY EYEWASH AND DELUGE SHOWER .

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

PHYSICAL CHEMICAL DATA: DENSITY AT 25C, MG/M3: 1.19.

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Physical/Chemical Properties
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Vapor Density:SUPDAT

Solubility in Water:INSOLUBLE.

Appearance and Odor:OFF-WHITE POWDER AND PELLETS; OILED NON DUSTING POWDER.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

NONE.

Stability Condition to Avoid:STABLE TO 160C.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND NITROGEN OXIDE GASES ARE LIBERATED WHEN PRODUCT IS IGNITED.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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Toxicological Information
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Toxicological Information:LD50 (ORAL, RAT): 350 MG/KG - OSHA

CLASSIFICATION: TOXIC. LD50 (DERMAL, RABBIT): >794 MG/KG - OSHA

CLASSIFICATION: TOXIC. EYE IRRITATION MODERATELY IRRITATING -

RABBIT. SKIN IRRITATION NONIRRITATING - RABBIT. MAY CAUSE ALLERGIC

SKIN REACTIONS IN SENSITIVE INDIVIDUALS. DIPHENYL GUANIDINE WAS

EVALUATED IN THE L5187 TK MOUSE LYMPHOMA MUTATION ASSAY AND IN

MICROBIAL MUTAGENICITY ASSAYS. NON MUTAGENIC EFFECTS WERE

DEMONSTRATED. IN AN NTP SPONSORED STUDY, (K. MORTLEMANS ET AL

ENVIRONMENTAL MUTAGENESIS VOL 8 SUPP 7; 1-119 - 1986), N,N'

DIMETHYLTHIOREA WAS EVALUATED FOR MUTAGENIC ACTIVITY USING THE (

SEE OTHER INFO)

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Disposal Considerations
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Waste Disposal Methods:NOT AN RCRA HAZARDOUS WASTE. DISPOSE IN A LANDFILL WHICH COMPLIES WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS OR IN APPROVED INCINERATOR.

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Other Information
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