

MATERIAL SAFETY DATA SHEET¹
(Form "Essentially similar" to OMB No. 1218-0072)

PRODUCT NAME:
GYPCHEK

CHEMICAL NAME: Nucleopolyhedrovirus of
the gypsy moth, *Lymantria dispar* L.

FORMULA: As a biological organism
this A.I. does not lend itself to characterization by
normal pesticide criteria.

MOLECULAR WEIGHT:
Not Applicable

SYNONYMS:
Not Applicable

CHEMICAL FAMILY:
Not Applicable

I. PHYSICAL DATA

BOILING POINT:
Not Applicable

FREEZING POINT:
Not Applicable

SPECIFIC GRAVITY (H₂O=1):
Not Applicable

VAPOR PRESSURE (MM Hg):
Not Applicable

VAPOR DENSITY (AIR =1):
Not Applicable

EVAPORATION RATE (butyl Acetate =1):
Not Applicable

%VOLATILES BY VOLUME:
Not Applicable

SOLUBILITY IN WATER (% by wt):
INSOLUBLE

APPEARANCE AND ODOR:
Dried Insect body parts and viral occlusion bodies; musty odor

II. HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	TLV (Units)
Nucleopolyhedrovirus	11.0%	Not Applicable
Impurities: Insect parts and inert solids	89.0%	Not Applicable

This virus is non-toxic to warm blooded animals. Impurities may cause eye irritation.

III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED):
Not Applicable

FLAMMABLE LIMITS:
Not Applicable

EXTINGUISHING MEDIA:
This material burns with difficulty. Use water on burning container

SPECIAL FIRE FIGHTING PROCEDURES:
None except to avoid inhalation of particulates released by fire.

UNUSUAL FIRE AND EXPLOSION HAZARD: Not Applicable

IV. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: The acute oral LD₅₀ is greater than 5000 mg/kg-bw. in rats; indicating that the product is practically non-toxic by ingesting a single dose. The acute dermal LD₅₀ is greater than 2000 mg/kg-b.w. in rabbits; indicating that the material is no more than slightly toxic from exposure to the skin. The acute inhalation is greater than 2 mg/L; indicating that the product is practically non-toxic if inhaled. This product was found to be a temporary eye irritant to rabbits.

EFFECTS OF OVEREXPOSURE: None known.

EMERGENCY AND FIRST AID PROCEDURES: Remove from exposure situation. If in eyes, flush with plenty of water. If irritation persists, get medical attention. If on skin, wash with soap and water.

NOTES TO PHYSICIAN: Some individuals may exhibit symptoms of allergies and hypersensitivity.

V. REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Do not store in sunlight at high temperatures

INCOMPATIBILITY:
(materials to avoid) Not Applicable

HAZARDOUS DECOMPOSITION PRODUCTS: Not Applicable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None

VI. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Containment and cleanup by placing in a sealable container for transport to an approved landfill or other disposal site.

WASTE DISPOSAL METHOD: Burn bags or triple rinse containers and dispose of them and excess product at an approved landfill or other appropriate site

VII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use normal clothing and medical face mask as appropriate
(Specify type)

VENTILATION:
LOCAL EXHAUST Preferable
MECHANICAL Acceptable
(general)

PROTECTIVE CLOTHING: Mixers and handlers require the use of goggles and medical face mask

OTHER PROTECTIVE EQUIPMENT: None except to have eyewash, soap and water available at project location

VIII. SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING: Keep out of reach of children
For use only as a biological insecticide for wide-area public gypsy moth control programs sponsored by government entities, and limited to forest and non-commercial trees. Avoid direct application to water. Do not contaminate water, food, or feed by inappropriate storage and disposal.

OTHER HANDLING AND STORAGE CONDITIONS: Avoid heat and sunlight. Freezing temperatures are recommended for long-term storage. Wastes from this product may be disposed of on site or at an approved waste disposal facility. Do not use empty containers but arrange for disposal in a Sanitary landfill or by incineration.

DEPARTMENT OF TRANSPORTATION **HAZARD CLASSIFICATION:** Non-hazardous, non-toxic
SHIPPING NAME: Nucleopolyhedrovirus

EPA REGISTRATION #: 27586-2

NAME: Nucleopolyhedrovirus

¹Prepared in compliance with the U.S. Department of Labor. Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200)

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