



MATERIAL SAFETY DATA SHEET

PRODUCT NAME: GYPCHEK	CHEMICAL NAME: Nucleopolyhedrosis Virus of the Gypsy Moth, <i>Lymantria dispar</i>
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 (H ₂ O=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 virus polyhedral; musty odor.

II. HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	TLV (Units)
Nucleopolyhedrosis virus	12.0%	Not Applicable
Impurities: Insect parts and inert solids	88.0%	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
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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.

IV. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: The acute oral LD₅₀ is greater than 5000 mg/kg-b.w. 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 DATA

STABILITY:

UNSTABLE ☐ STABLE ☐

CONDITIONS

| Do not store in direct sunlight or at temperatures above 90⁰ F.

TO AVOID

INCOMPATIBILITY

(materials to avoid)

| Not Applicable

HAZARDOUS

DECOMPOSITION

PRODUCTS

| Not Applicable

HAZARDOUS POLYMERIZATION:

MAY OCCUR ☐

WILL NOT OCCUR ☐

CONDITIONS

| None

TO AVOID

VI. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN

IF MATERIAL IS RELEASED

OR SPILLED

WASTE DISPOSAL METHOD

| Containment and cleanup by placing in a sealable container
| for transport to an approved landfill or other disposal site.

| Burn bags or triple rinse and dispose of containers and
| excess product at an appropriate site.

VII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

(Specify type)

| Use normal clothing and medical face mask as appropriate.

VENTILATION:

| Preferable

LOCAL EXHAUST

MECHANICAL

(general)

| Acceptable

PROTECTIVE CLOTHING

| Mixers and handlers require use of goggles and medical
| face mask.

OTHER PROTECTIVE

EQUIPMENT

| Have eyewash, soap and water available at project location.

VIII. SPECIAL PRECAUTIONS

| Keep out of reach of children.

PRECAUTIONARY LABELING

| 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.
| 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 reuse empty containers but arrange for disposal in
| a sanitary landfill or by incineration.

OTHER HANDLING AND
STORAGE CONDITIONS

DEPARTMENT OF
TRANSPORTATION

HAZARD CLASSIFICATION: Non-hazardous, non-toxic

EPA REGISTRATION #

SHIPPING NAME: Nucleopolyhedrosis virus
27586-2

NAME

Nucleopolyhedrosis Virus

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