

**THURCID HPC SPRAY CONCENTRATE**  
**MATERIAL SAFETY DATA SHEET**

## Manufacturer's Name &amp; Address

Southern Agricultural Insecticides, Inc.  
P.O. Box 218, Palmetto, Fla. 33561Phone: 1-941-722-3285  
Chemtrec: 1-800-424-9300

## I NOMENCLATURE

Product Name: THURCID HPC EPA Reg. No.829-202  
Name: Bacillus thuringiensis Berliner, variety Kurstaki  
Synonyms: Thurcide, Dipel  
Family: Biological (BT) insecticide

## II INGREDIENTS

Bacillus Thuringiensis Kurstaki	1.6%	68038-71-1	OSHA PEL Not Listed
Inert Ingredients	98.4%		

## III PHYSICAL PROPERTIES

pH	4.0 to 4.5	Specific Gravity:	1.16
Solubility In Water:	Suspendable	Reactivity in Water:	NA
Appearance/Odor:	Light brown milky liquid	Odor:	Fermentation aroma

## IV FIRE AND EXPLOSION DATA

Extinguishing media: Use media appropriate for surround material.

Fire fighting instructions: Wear self-contained breathing apparatus and full protective equipment..

## V FIRST AID

First Aid for EYE Exposure: Flush eyes a gentle stream of clean water for at least 15 minutes. Hold eye lids apart to ensure washing underside of lids. Remove contact lenses while rinsing. Seek medical assistance if needed.

First Aid for SKIN Exposure: No untoward reaction expected. Wash exposed skin with soap and water.

First Aid for INHALATION: No untoward reaction expected. Move patient to fresh air. Consult physician if necessary.

First aid if Swallowed: Compound not likely to be hazardous by ingestion. Treat symptomatically.

SYMPTOMS of OVEREXPOSURE: May cause eye irritation. Repeated inhalation exposure can result in sensitization and allergic response to hypersensitive individuals.

CARCINOGENICITY:: None of the components present in this material at concentrations of 1% or greater are listed by: IARC, NTP, OSHA

## VI Reactivity

Stability: Stable :Do not store under 32°F or above 90°F

Materials to Avoid: Alkaline materials deactivate product

Hazardous Decomposition Products: None listed.

Hazardous Polymerization: Does not Occur.

## VII SPILL OR LEAK PROTECTION

Steps To Be Taken If Spilled: Contain spill by diking and absorbing with an absorbent material such as soil.

Waste Disposal: Material that can not be used according to label instructions may be disposed of on site or at an approved waste disposal facility in accordance with local, State, and Federal regulations.

## VIII Special Protection

Respiratory: Type/Conditions: Avoid breathing spray mist. Where adequate ventilation is not available and/or exposure to spray mist could occur, wear a NIOSH approved respirator with a pesticide cartridge.

Personal protective equipment: Body covering work clothing with long sleeves and long pants, shoes with socks, goggles or safety glasses with side shields, and chemical resistant gloves Wear freshly laundered clothing. Launder separately

Ventilation: Handle with good ventilation.

#### IX SPECIAL PRECAUTIONS

Do not allow spray drift to unprotected persons. Do not allow contact with sprayed surfaces until sprayed surfaces have dried.

Handling Precautions: Avoid unnecessary personal contact. Avoid container damage.

Storing Precautions: Do not store at temperatures above 90oF. Protect from freezing.

Other Precautions: Do not contaminate water, food or feed by storage or disposal.

KEEP OUT OF REACH OF CHILDREN.

#### X TRANSPORTATION & SELECTED REGULATORY INFORMATION

U.S. DOT Not regulated

Title III Hazard classification sections 311-312 Acute Hazard

Sara Title 313 not listed

RQ none established.

This information relates solely to the designated product and is not inclusive for combinations with other materials. This information is given without warranty or representation. Information is based on data we believe to be correct as of the date hereof. This information is furnished solely for your consideration, investigation, and verification. Before using any product READ THE LABEL.