

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAMES:
Green Light Borer Killer
Green Light Conquest Insecticide Concentrate
Green Light Conquest Insecticide Concentrate
Green Light Conquest Hose-End Concentrate (RTS)
Size Prod #
Pint 13216
8 oz. 40908
Pint 40916
Quart 40932


GENERAL USE: Pesticide

PRODUCT DESCRIPTION: Dark brown, slightly viscous liquid, petroleum odor.

EPA Reg. No. 869-235

MANUFACTURER'S NAME

Green Light Company

DATE PREPARED: March 4, 2002

SUPERSEDES: December 15, 2001

Page 1 of 4

ADDRESS (NUMBER, STREET, P.O. BOX)

P.O. Box 17985

TELEPHONE NUMBER FOR INFORMATION

(210) 494-3481

(CITY, STATE AND ZIP CODE)

San Antonio, TX 78217-0985

COUNTRY

USA

EMERGENCY TELEPHONE NUMBER

Infotrac (800) 535-5053 Outside USA (352) 323-3500

DISTRIBUTOR'S NAME

Same

ADDRESS (NUMBER, STREET, P.O. BOX)
TELEPHONE NUMBER FOR INFORMATION

(CITY, STATE AND ZIP CODE)

COUNTRY
EMERGENCY TELEPHONE NUMBER

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	%	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS
			PPM	MG/M ³	PPM	MG/M ³		
Permethrin	52645-53-1	2.7	not established					
Stoddard solvent (Petroleum distillate, aliphatic)	8052-41-3	2.0	500	2900	100	525		
Triacetin	102-76-1	1.5	not established					

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Avoid breathing mist and/or vapor. May cause eye and skin irritation. Do not get in eyes or on skin. Wash thoroughly after handling. Wear goggles or face shield, rubber gloves, and protective clothing when handling. Hazard symbols - Xn. Risk phrases - R20, 22, 36

POTENTIAL HEALTH EFFECTS
INHALATION: Inhalation of mists or vapors may cause irritation to upper respiratory tract and mucous membranes. Prolonged inhalation of this product may cause ulcers to the upper respiratory tract

SKIN: Contact with skin may cause irritation, dermatitis.

EYES: Contact with eyes may cause pain and irritation. Repeated contact with eyes may cause severe irritation.

INGESTION: This substance is slightly toxic to internal organs if swallowed. Signs and symptoms may include, but may not be limited to, headache, dizziness, weakness, nausea, vomiting, diarrhea, and abdominal cramps.

CARCINOGENICITY

NTP?

No

IARC MONOGRAPHS?

No

OSHA REGULATED?

No

MATERIAL SAFETY DATA SHEET

PRODUCT NAMES: Green Light Borer Killer, Green Light Conquest Insecticide Concentrate, Green Light Conquest Hose-End Concentrate (RTS)

March 4, 2002

Page 2 of 4

SECTION 4 - FIRST AID MEASURES

INHALATION: Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if breathing difficulties persist seek medical attention.

SKIN: Wash contacted area with soap and water; DO NOT attempt to neutralize with chemical agents; if irritation persists, seek medical attention.

EYES: Remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention immediately.

INGESTION: If swallowed, call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water or milk. Do not induce vomiting unless directed to do so by medical personnel. Do not give anything by mouth to an unconscious or convulsing person.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)

170° F (77° C) TCC

FLAMMABLE LIMITS

LEL: Not determined

UEL: Not determined

AUTOIGNITION TEMPERATURE:

Not determined

NFPA CLASS: **IIA**

GENERAL HAZARDS: Product is combustible. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.

EXTINGUISHING MEDIA

Carbon dioxide, water, water fog, dry chemical, chemical foam

FIRE FIGHTING PROCEDURES

Self - contained respiratory equipment; cool containers to prevent pressure buildup and possible explosion when exposed to extreme heat.

Caution - material is combustible!

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers can explode due to buildup of pressure when exposed to extreme heat.

HAZARDOUS COMBUSTION PRODUCTS

Smoke, toxic fumes, oxides of carbon

SECTION 6 - ENVIRONMENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: COMBUSTIBLE - Evacuate and ventilate area; remove all sources of sparks, ignition and open flames; confine and absorb into approved absorbent; place material into approved containers for disposal; do not wash to sewer or waterway.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: This material is combustible. It should be stored in tightly closed containers in a cool, well ventilated area. Vapor may form explosive mixtures in air. All sources of ignition should be controlled. Keep this and other chemicals out of reach of children. Avoid inhaling concentrated fumes or vapors.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

The use of local exhaust ventilation is recommended to control emissions near the source. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment. See Section 2 for Component Exposure Guidelines.

PERSONAL PROTECTION:

RESPIRATORY PROTECTION (SPECIFY TYPE): None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds standard workplace limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.

PROTECTIVE GLOVES: Neoprene or rubber gloves with cuffs.

EYE PROTECTION: Protective eyeglasses or chemical safety goggles as described in 29 CFR 1910.133 or European Standard EN166.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls, apron, or other equipment should be worn to minimize skin contact.

WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

MATERIAL SAFETY DATA SHEET

PRODUCT NAMES: Green Light Borer Killer, Green Light Conquest Insecticide Concentrate, Green Light Conquest Hose-End Concentrate (RTS)

March 4, 2002

Page 3 of 4

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE (MM Hg) 17 mm Hg @ 20 ° C	VAPOR DENSITY (AIR = 1) > 1
SPECIFIC GRAVITY (WATER = 1) 1.004	EVAPORATION RATE (WATER = 1) < 1
SOLUBILITY IN WATER Emulsifies	FREEZING POINT 32° F (0° C)
pH 5.0 - 5.5	APPEARANCE AND ODOR Dark brown, slightly viscous liquid, petroleum odor
BOILING POINT 212° F (100° C)	PHYSICAL STATE Liquid
VISCOSITY Not specified	VOLATILE ORGANIC COMPOUNDS (Total VOC's) 1.39 lbs / gallon (water removed from calculation)

SECTION 10 - STABILITY AND REACTIVITY

STABILITY UNSTABLE: STABLE: XXX	CONDITIONS TO AVOID: Extreme temperatures, open flames
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids	

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: XXX	CONDITIONS TO AVOID: None
---	---------------------------

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Ingredients	%	CAS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Permethrin	2.7	52645-53-1	> 10 ml / kg Oral - rat	Not established
Stoddard solvent (Petroleum distillate, aliphatic)	2.0	8052-41-3	> 5000 mg / kg Oral - rat	> 5500 mg / m3 / 4H Inhalation - rat
Triacetin	1.5	102-76-1	1100 mg / kg Oral - mouse	Not established

SECTION 12 - ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. This product may produce concentrated hazardous vapors or fumes in a disposal container creating a dangerous environment. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations for ignitable materials. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals. Do not flush to sanitary sewer or waterway.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not Regulated

DOT HAZARD CLASS / Pack Group: Not regulated
 REFERENCE: Not Applicable
 UN / NA IDENTIFICATION NUMBER: None
 LABEL: None Required
 HAZARD SYMBOLS: None

IATA HAZARD CLASS / Pack Group: Not regulated
 IMDG HAZARD CLASS: Not regulated
 RID/ADR Dangerous Goods Code: Not regulated
 UN TDG Class / Pack Group: Not regulated

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

MATERIAL SAFETY DATA SHEET

PRODUCT NAMES: Green Light Borer Killer, Green Light Conquest Insecticide Concentrate, Green Light Conquest Hose-End Concentrate (RTS)

March 4, 2002

Page 4 of 4

SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic Substance Control Act)

Components of this product are listed on the TSCA Inventory.

SARA TITLE III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories

Acute health

313 Reportable Ingredients:

None

CERCLA (Comprehensive Response Compensation and Liability Act)

None

EPA (Environmental Protection Agency)

Use of this product is regulated by the U.S. Environmental Protection Agency (EPA) through the approved label copy. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL or NDSL and may or may not be listed in Section 2 of this document. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

EC Risk Phrases

R20 Harmful by inhalation.

R22 Harmful if swallowed

R36 Irritating to eyes.

EC Safety Phrases

S2 Keep out of the reach of children.

S24 Avoid contact with skin.

S25 Avoid contact with eyes.

SECTION 16 - OTHER INFORMATION

No specific notes

HMIS HAZARD RATINGS

HEALTH

1

0 = INSIGNIFICANT

3 = HIGH

FLAMMABILITY

1

1 = SLIGHT

4 = EXTREME

REACTIVITY

0

2 = MODERATE

PERSONAL PROTECTIVE EQUIPMENT

C

Safety Glasses, Gloves, Apron

REVISION SUMMARY:

This MSDS has been revised in the following sections:

Section 14

Transportation information

Section 15

WHMIS DSL / NDSL information

MSDS Prepared by: Comprehensive Data Base, Inc.

P.O. Box 5604

Lakeland, FL 33807 USA

(863) 644 - 3298 www.compdatabase.com

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.