

# SAFETY DATA SHEET

## RED-EYED GOTCHA! TROPICAL STRENGTH INSECT REPELLENT PUMP SPRAY

SDS Number: C0001

Revision Date: 1 July 2016

1

### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Concept Laboratories Pty Ltd  
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Poisons Information Centre: 131126 (National)

Product Name: Red-Eyed Gotcha Insect Repellent Pump spray  
Product Code: REGCL50, REG100P  
Revision Date: 1.07.2016- valid for 5 years from this date.  
Recommended Use: Insect Repellent for use on skin in a pump spray bottle

2

### HAZARDS IDENTIFICATION

Contains approx. 35% Ethanol which is hazardous according to Safe Work Australia.

#### GHS Signal word: WARNING

##### Hazard Statement

H226: Flammable liquid and vapor  
H302: Harmful if swallowed- Acute toxicity, oral (Cat 4)  
H315: Causes skin irritation (Cat 2)  
H319: Causes serious eye irritation (Cat 2B)



##### Precautionary Statements

P102: Keep out of reach of children  
P210: Keep Away from Sources of Ignition  
P233: Keep Container Tightly Closed  
P243: Take precautionary measures against static discharge  
P261: Avoid breathing fume/mist/vapors/spray  
P271: Use only outdoors or in a well-ventilated area

##### Response

P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, continue rinsing.  
P337+P313: If eye irritation persists: seek medical attention  
P332+P353: Rinse skin or shower with water  
P301+P330+P331: IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.  
P370+P378: In case of fire, note the following: Alcohol resistant foam is the preferred firefighting medium but, if unavailable, fine water spray can be used.

##### Storage

P403+P235: Store in a well - ventilated place. Keep cool, Store Below 30°C  
P405: Store locked up

##### Disposal

P501: Dispose of contents and containers in accordance with local regulations

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### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:	CAS#	CONC %
Ethanol	64-17-5	30-40
N,N-Diethyl toluamide (Deet)	134-62-3	19.1%
N-octyl bicycloheptene dicarboximide	113-48-4	4.0%
Di N-propyl isocinchomeronate	136-45-8	2.0%
Triclosan	3380-34-5	0.01%
Excipients:		To 100%

### 4 FIRST AID MEASURES

<b>Inhalation:</b>	Not normally required. If patient overcome, move to fresh air.
<b>Skin Contact:</b>	Not normally required, if so, rinse skin or shower with water.
<b>Eye Contact:</b>	Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.
<b>Ingestion:</b>	DO NOT induce vomiting. For advice, contact Poisons Information Centre: 131126.
<b>Additional info:</b>	No aggravated medical conditions known, caused by exposure to this product.

### 5 FIRE FIGHTING MEASURES

<b>Extinguishing Media:</b>	Dry powder, alcohol stable foam, carbon dioxide and water.
<b>Hazardous Decomposition Products:</b>	Toxic and/or irritating fumes, carbon monoxide (CO), aldehydes, ketones, acids and carbon dioxide (CO <sub>2</sub> ) May be emitted. Wear self-contained breathing apparatus (SCBA) and complete protective clothing.

### 6 ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedure:</b>	SAA/SNZHB76 Dangerous Goods initial emergency response guide 14.
<b>Spills/Clean up:</b>	This product is sold in small packages therefore the accidental release is not usually cause for concern. Remove any possible ignition sources. Slippery when spilled. Personal protective equipment should be worn when cleaning up spills. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as; toweling, sand, Vermiculite or another inert material. Prevent spill entering sewers or waterways. Collect and Dispose of spilled material according to local regulations. Wash away any remnants with copious amounts of cold water.

### 7 HANDLING AND STORAGE

<b>Handling Precautions:</b>	Contact Concept Laboratories Pty Ltd sales representative for advice when using this Product for any other application other than outlined on the label or technical bulletin. Any non-intended or non-authorized use of this product may result in personal injury or damage to equipment. Store product in original container.
<b>Storage Requirements:</b>	Store in cool, dry, well-ventilated area. Store below 30°C Do not expose containers to open flame, incompatible materials, excessive heat, or direct Sunlight. Keep container tightly sealed. Handle with care and avoid spillage on the floor (slippage).

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### 8 EXPOSURE CONTROL/PERSONAL PROTECTION

**Engineering Controls:** Not normally required.  
Use local exhaust for dust and fumes when processing and handling.

**Personal Protective Equipment:** Eye/face protection- not required under normal circumstances.  
Should a splash risk exist, safety glasses or chemical resistant goggles should be worn to prevent eye contact.  
Skin protection- not required under normal circumstances.  
Respiratory protection- not required under normal circumstances

National Exposure Standards- Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC: 1003].

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
Ethanol	64-17-5	8hour	1000

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Colour:</b>	Light Yellow
<b>Appearance:</b>	Clear	<b>Spec. Gravity:</b>	0.94
<b>Boiling Point:</b>	95°c	<b>Vapor Pressure:</b>	N/A
<b>Solubility:</b>	Miscible	<b>Flash Point:</b>	27°C
<b>Freezing/Melting Point:</b>	N/A	<b>Ignition Temperature:</b>	N/A

### 10 STABILITY AND REACTIVITY

**Chemical Stability:** Product is stable under normal ambient conditions.

**Conditions to Avoid:** Avoid heat, sparks, high temperatures (store below 30°C) and direct sunlight.  
Protect against physical damage. See section 7

**Material to Avoid:** Strong oxidizing agents.

**Hazardous Decomposition:** Burning can produce carbon dioxide and possible toxic chemicals such as carbon monoxide.

**Hazardous Reactions:** None known.

### 11 TOXOLOGICAL INFORMATION

#### HEALTH EFFECTS

**Inhaled:** Inhalation of vapours may cause drowsiness and dizziness. This may be accompanied by sleepiness, reduces alertness, loss of reflexes, lack of co-ordination and vertigo.  
Inhalation of vapor's or aerosols (mists, fumes), generated by the material during course of normal handling, may be damaging to the health of the individual.  
There is some evidence to suggest that the material can cause respiratory irritation in some persons.

**Ingestion:** Accidental ingestion of the material may be damaging to the health of the individual. Ethanol is a denaturant, which may cause optical nerve damage if ingested. May produce nausea, vomiting, bleeding from the digestive tract, abdominal pain and diarrhea.

**Skin contact:** There is some evidence to suggest that the material may cause moderate inflammation of the skin following direct contact or after a delay of some time. Repeated exposure can cause contact dermatitis which is characterized by redness, swelling and blistering.  
Application of Deet to the skin produces no primary irritation or sensitization in humans. In rabbits, redness and peeling of the skin have been observed as well as intoxication, excitation, stiffness and loss of co-ordination.

**Eye** There is some evidence that material may produce eye irritation in some persons and produce eye damage 24 hours or more after installation. Severe inflammation may be expected with pain.

#### TOXICITY DATA

**Acute toxicity-** LD50 Oral-rat- 1,950mg/kg LD50 Inhalation0rat- 5,950mg/m3 LD50 Dermal-rat- 5,000mg/kg  
**Skin corrosion/irritation-** Skin- rabbit- irritation. **Serious eye damage/irritation-** Eyes- rabbit- Moderate eye irritation

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### 12 ECOLOGICAL INFORMATION

**Eco Toxicity:**

Soil: N,N-diethyl-m-toulamide (DEET), an active ingredient in insect repellent, is found to be moderately mobile in soil and is stable to hydrolysis at soil pH level typically found in the environment. Studies show that DEET can be biodegraded by soil microorganisms e.g. *P. putida*.

Water: DEET, practically insoluble in water, was detected in water as a result of urban wastewater contamination to stream flow.

**Persistence  
And degradability:**

Ingredient	Persistence: Water/Soil	Persistence: Air
Ethanol	LOW (Half-life= 2.17 days)	LOW (Half-life= 5.08 days)
N,N-diethyl-m-toluamide	HIGH	HIGH
Water	LOW	LOW

Ingredient	Bioaccumulation potential	Mobility in soil
Ethanol	LOW (LogKOW=-0.31)	HIGH (KOC= 1)
N,N-diethyl-m-toluamide	LOW (BCF- 2.4)	LOW (KOC= 536.6)
Water	LOW (LogKOW=-1.38)	LOW (KOC= 14.3)

**Cautions:**

### 13 DISPOSAL CONSIDERATIONS

**Disposal Method:**

**P501:** Refer to State/Territory Land Waste Management Authority. Dispose of material By a licensed waste contractor. Rinse empty containers thoroughly before recycling or Disposing to an authorized landfill. Materials should be recovered for reuse if possible. Suitable for incineration by an approved agent.

### 14 TRANSPORT INFORMATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods (ADG Code)

**UN Number:** 1993

**UN Proper**

**Shipping Name:** FLAMMABLE LIQUID N.O.S. (Ethanol)

**Class and subsidiary**

**Risk:** 3

**Packing Group:** III

**Special precautions**

**For user:** Limited quantities: 5L

**Hazchem Code:** 3 Y

Dangerous Goods Initial emergence response guide (SAA/SNZ HB76) :14

### 15 REGULATORY INFORMATION

**Poisons Schedule (SUSMP):** All ingredients are listed in the Australian Inventory of Chemical Substances (AICS)

Product is not intended for medical/therapeutic use.

This Product has been approved by the Australian Pesticides and Veterinary Medicines Authority (APVMA)

APVMA No 62687/ 100mL/ 0208

### 16 OTHER INFORMATION

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

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\*\* Please read all labels carefully before using this product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals- Code of Practice" (December 2011)