



# MATERIAL SAFETY DATA SHEET

## GO GECKO

**Date Issued:** June 2014 and is valid for 3 years from this date.

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**Revision No.:** 2

**Print Date:** 3/10/14

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**TRADE NAME:** GO GECKO

**SUPPLIER:** EFEKTO

PO BOX 652147

BENMORE

2010

**TEL No.** 011 287 5700

**EMERGENCY TELEPHONE NUMBERS:**

**SPILLAGES:** 083 1233 911

**Fax:** 086 685 3129

**POISONINGS:**

**National Poison Centre** 021-9386084 (office hours).

021-9316129 (after hours).

082 446 8946

**Use:** Gecko and Reptile Repellent.

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### 2. HAZARDS IDENTIFICATION

- May cause eye and skin irritation.

**Likely routes of exposure:**

Skin and eye contact, ingestion and inhalation.

**Ingestion:** Ingestion of large quantities of liquid product may cause gastric irritation.

**Flammability:** Not flammable

**Eye:** Mild irritant, causing redness, and tearing with direct contact.

**Skin:** Mild irritant if exposed to large quantities.

**Carcinogenicity:** The product contains no carcinogens in concentrations of 0.1% or greater.

**UN No.:** None

**Risk phrases:** None

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Active ingredients:**

Active ingredients.	CAS No.:	EC No.:



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Silicones <17.4 %	90337-93-2	231-130-8
Ammonia Solution >0.03	1336-21-6	215-647-6
H2SO4 (Sulphuric Acid) >0.05	7664-93-9	231-639-5
Ethanol 0.1 %	64-17-5	200-578-6
Dipropylene glycol methyl ether 0.001%	-	-
Propylene glycol n-butyl ether 0.001%	-	-
Nonyl phenol ethoxylate (NP4,6,9) 00.001%	-	-
Sodium lauryl sulphate 0.00025%	-	-
Ethanolamine 0.00025%	-	-

**Chemical Name:** Inorganic Polymer

**Chemical Family:** Silicones

**Chemical Formula:** Si

**NIOSH/RTECS No.:** Not available.

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#### 4. FIRST-AID MEASURES

**Product in Eye:** Flush with water for 15min, lifting eye lids. Seek medical attention if irritation persists.

**Product on skin:** Wash with water if irritation persists.

**Product ingested:** Give water to drink.

**Advice to physician:** There is no antidote. Treat symptomatically

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#### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:**

Use water spray, carbon dioxide, dry chemical powder or foam. Wear self-contained breathing apparatus. May emit toxic fumes under fire conditions.

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#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Spilled product in contact with water or moisture causes surfaces to become extremely slippery.

**Environmental precautions:** Collect and flush small residuals with much water into the drain for subsequent biological waste effluent treatment.

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#### 7. HANDLING AND STORAGE

**Handling:** Ensure sufficient workplace ventilation.

**Advice on protection against fire and explosion:** No special requirements against fire and explosion

**Storage:**



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To maintain the quality, store in cool storage areas and sealed containers.. Store away from food, drink and animal feeding stuffs. Keep away from children and unauthorised adults. Adhere to local regulations.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure limits:** None.

**Personal protection equipment:**

**Respiratory protection:** Ensure sufficient workplace ventilation.

**Hand protection:** Does not apply.

**Eye protection:** Protective goggles.

**Hygiene measures:** Obey reasonable safety precautions and practice good housekeeping

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Transparent liquid.

**Colour:** Slightly milky.

**Odour:** Faint indistinctive smell.

**Particle size:** 0.2 – 0.8  $\mu\text{m}$

**Vapour pressure:** < 20 hPa at 20.0 °C

**Bulk density:** 1 gm/l

**pH:** ~6.75 at 1.0 g/l

**Viscosity, dynamic:** at 20.0 °C [Not applicable].

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### 10. STABILITY AND REACTIVITY

Mild reaction to very strong oxidising agents.

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### 11. TOXICOLOGICAL INFORMATION

**Ingestion:** To be avoided.

**Acute Oral Rat:** Ingestion of large quantities may cause gastric irritation

**Acute Dermal Rat:** No data.

**Inhalation:** Only harmful in the event of an allergy.

**Eye contact:** May cause irritation and redness.

**Skin irritation:** Slight irritant.

**Skin sensitization:** Not a sensitizer.

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### 12. ECOLOGICAL INFORMATION

**Persistence and Degradability:**

Does not leach in soils and is therefore unlikely to contaminate ground water.

**Aquatic Toxicity:**

Material is not expected to be harmful to fish on an acute basis

**Avian Toxicity:** Material is not expected to be harmful to birds..



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**Other Information:**

Not expected to be harmful to bees.

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### 13. DISPOSAL CONSIDERATIONS

**Product:** Dispose of whilst observing local legal regulations. E.g. in a suitable landfill site.

**Packaging:** Triple rinse empty container. Treat as domestic refuse.

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### 14. TRANSPORT INFORMATION

**UN No.:** Not regulated.

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### 15. REGULATORY INFORMATION

**Symbol:** None

**Risk phrases:**

**R22** Harmful if swallowed

**Safety phrases:**

**S1/2** Keep locked up and out of reach of Children.

**S13** Keep away from food, drink and animal feeding stuffs.

**National legislation:** In accordance with the South African National Road Traffic Act, 1996 (Act 93 of 1996), the Fire Brigade Act, 1987 (Act 99 of 1987) and the Occupational Health and Safety Act, 1993 (Act. No. 85 of 1993)

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### 16. OTHER INFORMATION

**Compiled by:** Danie Fourie

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the PRODUCT AS SUCH. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear.

It is the responsibility of persons in receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces formulations(s) containing this product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.

### REFERENCES

- Chemical solutions-Go Gecko MSDS, 17/07/2009.
- ADR 2011, Part 3.
- IMDG Code, 2005 Edition, Vol. 2.
- IATA Dangerous goods regulations, Effective 1 January 2011

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**END OF MSDS.**