

# Acorn Products (PTY) Ltd.

## SAFETY DATA SHEET

Version 2.0 Revision Date: May 2019

Date of issue: May 2014

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### 1. IDENTIFICATION OF THE SUBSTANCE

Product name: Tabard Aerosol Insect Repellant  
Brand: Tabard  
Company: Acorn Products (PTY) Ltd.  
Physical Address: Units 13 and 14 Corner Mini's  
Northlands Business Park  
Newmarket Road  
North Riding  
2162  
Postal address: P.O. Box 82  
Strubens Valley  
1735  
Telephone: +27 11 704 6100  
Fax: +27 11 704 6099  
Emergency Phone #: +27 83 251 2262 contact Mrs. Gail Downing

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### 2. PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance: White tin can with TABARD inscribed in red, with red cap, 150 g and 70 g size  
Preparation contains: 150 mg N, N, Diethyl-m-toluamide (DEET)/ 500 mg  
Form: Aerosol in tin-plated pressurized can, propelled by butane/propane gas  
Odour: Perfumed  
Colour: N/A  
Pressure at 25 °C: +/- 430 kPa  
Density at 20 °C: 0.7882 to 0.9560  
pH: 8.5 to 9.5

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### 3. FIRE HAZARD AND CONTROL

Flammable limits in air by volume: 150 g < 3010 liters per can  
Flash point (LPG): 60 °C  
Auto ignition (LPG): 405 °C  
Extinguishing media: CO<sub>2</sub>, Dry powder, water jet  
Special fire fighting procedures: Product emits toxic and irritating fumes, before intervention, wear protective clothing and self-contained breathing apparatus.  
Combustion gases: Hazardous fumes may be emitted if involved in fire.

Hazardous decomposition: Nitrogenous compounds may be formed. No decomposition occurs under normal conditions.  
Thermal decomposition: Store below 25 °C to avoid decomposition.

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#### 4. COMPOSITION/INFORMATION ON INGREDIENTS

DEET (N,N Diethyl-m-toluamide): 150 mg / 500 mg  
Propellants: Propane/Butane (20:80)  
Odour: Perfume  
Other ingredients: Alcohol  
Colour: N/A

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#### 5. HAZARD INFORMATION

Eye contact: Moderate eye irritation  
Skin contact: Practically non-toxic by skin contact  
Inhalation: Irritation by inhalation

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#### 6. FIRST AID MEASURES

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.  
Inhalation: In case of accidental inhalation of vapors, move to fresh air. If symptoms persist, call a physician.  
Skin contact: N, N-diethyl-m-toluamide (DEET) is applied topically as an insect repellent. Do not apply to areas of flexion or broken skin.  
Eye contact: Flush eyes with clear water for 15 minutes and get medical advice immediately.  
Ingestion: Obtain medical assistance immediately  
Emergency antidote: Treat symptomatically.

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#### 7. ACCIDENTAL RELEASE MEASURES

Allergic reaction: Rare cases have been reported of allergic reaction to DEET. If this occurs discontinue use, if reaction continues see medical advice.

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#### 8. PERSONAL PROTECTIVE EQUIPMENT

No special protection for hands, skin, eyes or respiratory tract. In case of accidents or fire, wear protective clothing and a self-contained breathing apparatus.

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## 9. TOXICOLOGICAL INFORMATION

Exposure limits:	Not yet established
Carcinogenicity:	No components listed as carcinogenic
LDLo man (oral):	679 mg/kg
LDLo woman (oral):	950 mg/kg coma
LDLo child (oral):	4750 mg/kg coma

Rare cases of an allergic reaction to DEET have been reported. If this occurs discontinue use, if reaction continues seek medical advice.

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## 10. HANDLING AND STORAGE

Storage:	Store below 25°C away from direct sunlight. Keep away from food, drinking water and animal feed. Keep in well ventilated area away from sparks, flames or other sources of ignition. Do not puncture or incinerate.
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## 11. REACTIVITY DATA

Stability:	2-year shelf life from date of manufacture – stable under specified storage conditions
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## 12. ECOLOGICAL INFORMATION

When used correctly, no ecological problems are expected.  
Prevent product from entering sewage system and ground water.

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## 13. DISPOSAL CONSIDERATIONS

Do not incinerate – product and packaging should be disposed of in accordance with the instructions of the local authorities. Do not puncture canister.

Do not empty into a sewer or water system.

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## 14. TRANSPORT INFORMATION

UN No. 1950  
Refer ERG 126  
IMO # 2.1  
Classified as dangerous for transport

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## 15. REGULATORY INFORMATION

Falls under Medicines Control Council (MCC) of South Africa – Act 101 of 1965, Registration no. X/34/221

Aerosol propellants hazard classification:	Highly flammable (F)
Risk phrase:	R12
Safety phrase:	S15

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## 16. OTHER INFORMATION

The data here is based on current knowledge and experience. The purpose of this document is to describe the product in terms of safety requirements. The data does not signify any warrant to the product properties.

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End of document

# Acorn Products (PTY) Ltd.

## SAFETY DATA SHEET

Version 2.0 Revision Date: April 2019

Date of issue: April 2014

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### 1. IDENTIFICATION OF THE SUBSTANCE

Product name: Tabard Citronella Candle  
Manufacturer: Acorn Products (PTY) Ltd  
Company: Acorn Products (PTY) Ltd  
Physical Address: Units 13 and 14 Corner Mini's  
Northlands Business Park  
Newmarket Road  
North Riding  
2162  
Postal address: P.O. Box 82  
Strubens Valley  
1735  
Telephone: +27 11 704 6100  
Fax: +27 11 704 6099  
Emergency Phone #: +27 83 251 2262 contact Mrs. Gail Downing

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### 2. PHYSICAL/CHEMICAL CHARACTERISTICS

Form: Citronella Candle  
Odour: Perfumed  
Colour: Green  
Vapour Pressure: N/A  
pH: N/A  
Solubility: Insoluble in water  
Viscosity: N/A  
Melting Point: 80°C

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### 3. FIRE HAZARD AND CONTROL

Flammability: Flammable, never leave a lighted candle unattended.  
Explosion: Not explosive  
Extinguishing media: Do not use water to extinguish, rather place lid on top of can to extinguish flame  
Special fire fighting procedures: None required  
Unusual fire fighting hazards: None

#### 4. COMPOSITION/INFORMATION ON INGREDIENTS

A longer burning Citronella Candle with active ingredient Citronella Oil 50g/kg.

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#### 5. HAZARD INFORMATION

General advice:	Use as directed according to can instructions
Inhalation:	Avoid inhalation of flame smokes, may cause irritation
Skin contact:	All flames are dangerous, place on non-combustible surface before lighting.
Eye contact:	May cause irritation

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#### 6. FIRST AID MEASURES

General advice:	Use as directed according to can instructions
Inhalation:	In case of irritation from inhalation remove to fresh air
Skin contact:	Contact with skin, seek medical attention immediately or call a doctor.
Eye contact:	Wash eyes with water

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#### 7. ACCIDENTAL RELEASE MEASURES

Non-hazardous

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#### 8. PERSONAL PROTECTIVE EQUIPMENT

Avoid contact with skin by wearing protective gloves when handling burning Tabard Citronella Candle can.

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#### 9. TOXICOLOGICAL INFORMATION

Non-toxic, biodegradable

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#### 10. HANDLING AND STORAGE

Handling:	For even burning keep the wick trimmed. Do not use water to extinguish, rather place lid on top of can to extinguish flame.
Storage:	Keep out of reach of children. All flames are dangerous, place on non-combustible surface before lighting. Keep at room temperature

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## 11. REACTIVITY DATA

Stability:	2 year shelf life from date of manufacture
Incompatibility (measures to avoid):	None
Hazardous decomposition or byproducts:	None

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## 12. ECOLOGICAL INFORMATION

Ecologically friendly  
Biodegradable  
Non-toxic

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## 13. DISPOSAL CONSIDERATIONS

This material is not regarded as hazardous waste.  
Observe local environmental regulations.

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## 14. TRANSPORT INFORMATION

Non-hazardous for road, sea and airfreight

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## 15. REGULATORY INFORMATION

Safety phrases:	S37 – Wear suitable gloves
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Risk phrases:	R10 – Flammable R34 – Causes burns
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## 16. OTHER INFORMATION

The data here is based on current knowledge and experience. The purpose of this document is to describe the product in terms of safety requirements. The data does not signify any warrant to the product properties.

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*End of document*

# Acorn Products (PTY) Ltd.

## SAFETY DATA SHEET

Version 2.0 Revision Date: April 2019

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### 1. IDENTIFICATION OF THE SUBSTANCE

Product name: Tabard Lotion  
Brand: Tabard  
Company: Acorn Products (PTY) Ltd.  
Physical Address: Units 13 and 14 Corner Mini's  
Northlands Business Park  
Newmarket Road  
North Riding  
2162  
Postal address: P.O. Box 82  
Strubens Valley  
1735  
Telephone: +27 11 704 6100  
Fax: +27 11 704 6099  
Emergency Phone #: +27 83 251 2262 contact Mrs. Gail Downing

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### 2. PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance and odour: Scented viscous white liquid  
Density at 20°C: 0.9 to 1.1 Kg/L  
Solubility: Miscible in water  
Change in physical state: N/A  
Vapor pressure: N/A  
pH: 6.5 to 8.5

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### 3. FIRE HAZARD AND CONTROL

Flammability: Non-flammable  
Flash point: N/A  
Extinguishing media: CO<sub>2</sub>, Dry powder  
Special fire fighting procedures: Wear full protective clothing and self-contained breathing apparatus. Confine the use of water to cooling of nearby stock, thus avoiding the risk of accumulation of polluted run-off from the site.  
Unusual fire fighting hazards: Harmful fumes may be emitted if involved in fire



#### 4. COMPOSITION/INFORMATION ON INGREDIENTS

DEET: 19.5 % m/m  
Emulsifiers: 6.15 % m/m  
Preservatives: 0.30 % m/m  
Inerts: 5.80 % m/m  
Water: 68.25 % m/m

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#### 5. HAZARD INFORMATION

Eye contact: Moderate eye irritation  
Skin contact: Practically non-toxic by skin contact  
Inhalation: No adverse health effects are expected from inhalation exposure.  
Swallowed: Swallowing a relatively large quantity of this product is unlikely to produce serious illness or death.

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#### 6. FIRST AID MEASURES

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.  
Inhalation: N/A  
Skin contact: N,N-diethyl-m-toluamide is applied topically as an insect repellent  
Eye contact: Flush eyes with clear water and get medical advice immediately  
Ingestion: Obtain medical assistance immediately  
Emergency antidote: Treat symptomatically

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#### 7. ACCIDENTAL RELEASE MEASURES

Allergic reaction: Rare cases have been reported of allergic reaction to DEET. If this occurs discontinue use, if reaction continues see medical advice

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#### 8. PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Not applicable  
Hand Protection: Not applicable

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#### 9. TOXICOLOGICAL INFORMATION

Oral LD<sub>50</sub> (rat): 200 mg/Kg  
Dermal LD<sub>50</sub> (rabbit): 3180 mg/Kg  
Occupational exposure limits: Not yet established

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## 10. HANDLING AND STORAGE

Handling: N/A  
Application: N/A  
Leaks/Spills: Absorb with sawdust  
Storage: Store below 25°C away from direct sunlight. Keep out of reach of children.

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## 11. REACTIVITY DATA

Stability: 2 year shelf life from date of manufacture  
Incompatibility (measures to avoid): N/A  
Hazardous decomposition or byproducts: Nitrogenous compounds may be formed.  
Hazardous polymerization: N/A

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## 12. ECOLOGICAL INFORMATION

Ecologically friendly  
Degradability: N/A  
Hazards: N/A  
Other effects: N/A

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## 13. DISPOSAL CONSIDERATIONS

With large quantities dispose of at a suitable incineration plant in accordance with official regulations.

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## 14. TRANSPORT INFORMATION

Postal dispatch approval: Yes  
Non-dangerous cargo. Keep dry. Keep separate from foodstuffs

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## 15. REGULATORY INFORMATION

Falls under Medicines Control Council (MCC) of South Africa, registration no. W/34/38

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## 16. OTHER INFORMATION

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End of document

# Acorn Products (PTY) Ltd.

## SAFETY DATA SHEET

Version 2.0 Revision Date: May 2019

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### 1. IDENTIFICATION OF THE SUBSTANCE

Product name: Tabard Stick Insect Repellant Personal Application  
Brand: Tabard  
Company: Acorn Products (PTY) Ltd.  
Physical Address: Units 13 and 14 Corner Mini's  
Northlands Business Park  
Newmarket Road  
North Riding  
2162  
Postal address: P.O. Box 82  
Strubens Valley  
1735  
Telephone: +27 11 704 6100  
Fax: +27 11 704 6099  
Emergency Phone #: +27 83 251 2262 contact Mrs. Gail Downing

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### 2. PHYSICAL/CHEMICAL CHARACTERISTICS

Form: Gel Stick  
Odour: Perfumed  
Colour: Opaque, Translucent, Light Green  
Vapour Pressure: N/A  
pH: 8.9 to 9.0  
Solubility: Miscible in water  
Viscosity: N/A

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### 3. FIRE HAZARD AND CONTROL

Flash point: N/A  
Ignition Temperature: N/A  
Extinguishing media: CO<sub>2</sub>, Dry powder  
Special fire fighting procedures: Wear full protective clothing and self containing breathing apparatus. Confine the use of water to cooling of nearby stock, thus avoiding the risk of accumulation of polluted run-off from the site.  
Combustion gases: Harmful fumes may be emitted if involved in fire.  
Hazardous decomposition: Nitrogenous compounds may be formed.  
Thermal decomposition: Melting point  $\pm 50$  °C.  
Hazardous reaction: N/A

#### 4. COMPOSITION/INFORMATION ON INGREDIENTS

Diethyltoluamide (DEET):	35%
Saponification Agents:	25%
Preservatives:	0.1%
Inerts:	1.82%
Alcohol:	40.0%

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#### 5. HAZARD INFORMATION

Eye contact:	Moderate eye irritation
Skin contact:	Practically non-toxic by skin contact
Inhalation:	No adverse health effects are expected from inhalation exposure.
Swallowed:	Swallowing a relatively large quantity of this product is unlikely to produce serious illness or death.

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#### 6. FIRST AID MEASURES

General advice:	Consult a physician. Show this safety data sheet to the doctor in attendance.
Inhalation:	In case of accidental inhalation of vapors, move to fresh air. If symptoms persist, call a physician.
Skin contact:	N, N-diethyl-m-toluamide (DEET) is applied topically as an insect repellent. Do not apply to areas of flexion or broken skin.
Eye contact:	Flush eyes with clear water for 15 minutes and get medical advice immediately.
Ingestion:	Obtain medical assistance immediately
Emergency antidote:	Treat symptomatically.

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#### 7. ACCIDENTAL RELEASE MEASURES

Allergic reaction: Rare cases have been reported of allergic reaction to DEET. If this occurs discontinue use, if reaction continues see medical advice

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#### 8. PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Not applicable  
Hand Protection: Not applicable

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#### 9. TOXICOLOGICAL INFORMATION

Exposure limits:	Not yet established
Oral LD <sub>50</sub> (rat) 200 mg/Kg	
Dermal LD <sub>50</sub> (rabbit) 3180 mg/Kg	
Occupational exposure limits:	Not yet established

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## 10. HANDLING AND STORAGE

Handling: N/A  
Application: N/A  
Leaks/Spills: Absorb with sawdust  
Storage: Store below 25°C away from direct sunlight. Keep out of reach of children.

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## 11. REACTIVITY DATA

Stability: 2 year shelf life from date of manufacture  
Incompatibility (measures to avoid): N/A  
Hazardous decomposition or byproducts: Nitrogenous compounds including cyanide may be formed.  
Hazardous polymerization: N/A

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## 12. ECOLOGICAL INFORMATION

Ecologically friendly  
Degradability: N/A  
Hazards: N/A  
Other effects: N/A

---

## 13. DISPOSAL CONSIDERATIONS

With large quantity dispose at a suitable incineration plant in accordance in with official regulations

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## 14. TRANSPORT INFORMATION

Postal dispatch approval: Yes  
Non-dangerous cargo. Keep dry. Keep separate from foodstuffs

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## 15. REGULATORY INFORMATION

Falls under Medicines Control Council (MCC) of South Africa – Act 101 of 1965, Registration no. L686

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## 16. OTHER INFORMATION

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