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

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 ºC: +/- 430 kPa
Density at 20 ºC: 0.7882 to 0.9560
pH: 8.5 to 9.5

3. FIRE HAZARD AND CONTROL

Flammable limits in air by volume: 150 g < 3010 liters per can
Flash point (LPG): 60 ºC
Auto ignition (LPG): 405 ºC
Extinguishing media: CO₂, 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 ºC to avoid decomposition.

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

5. HAZARD INFORMATION

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

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.

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.

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.
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.

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.

11. **REACTIVITY DATA**

Stability: 2-year shelf life from date of manufacture – stable under specified storage conditions

12. **ECOLOGICAL INFORMATION**

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

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.

14. **TRANSPORT INFORMATION**

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

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.

End of document
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

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

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.

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

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

7. ACCIDENTAL RELEASE MEASURES

Non-hazardous

8. PERSONAL PROTECTIVE EQUIPMENT

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

9. TOXICOLOGICAL INFORMATION

Non-toxic, biodegradable

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
11. REACTIVITY DATA

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

12. ECOLOGICAL INFORMATION

Ecologically friendly
Biodegradable
Non-toxic

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Non-hazardous for road, sea and airfreight

15. REGULATORY INFORMATION

Safety phrases: S37 – Wear suitable gloves
Risk phrases: R10 – Flammable
R34 – Causes burns

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.

End of document
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

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

3. FIRE HAZARD AND CONTROL

Flammability: Non-flammable
Flash point: N/A
Extinguishing media: CO₂, 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

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.

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 repellant
Eye contact: Flush eyes with clear water and get medical advice immediately
Ingestion: Obtain medical assistance immediately
Emergency antidote: Treat symptomatically

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

8. PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Not applicable
Hand Protection: Not applicable

9. TOXICOLOGICAL INFORMATION

Oral LD$_{50}$ (rat): 200 mg/Kg
Dermal LD$_{50}$ (rabbit): 3180 mg/Kg
Occupational exposure limits: Not yet established
10. HANDLING AND STORAGE

Handling: N/A
Application: N/A
Leaks/Spills: Absorb with sawdust

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

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

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

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.

End of document
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

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

3. FIRE HAZARD AND CONTROL

Flash point: N/A
Ignition Temperature: N/A
Extinguishing media: CO2, 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 ± 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%

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.

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.

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

8. PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Not applicable
Hand Protection: Not applicable

9. TOXICOLOGICAL INFORMATION

Exposure limits: Not yet established
Oral LD₅₀ (rat) 200 mg/Kg
Dermal LD₅₀ (rabbit) 3180 mg/Kg
Occupational exposure limits: Not yet established
10. HANDLING AND STORAGE

Handling: N/A
Application: N/A
Leaks/Spills: Absorb with sawdust

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

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

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

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

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.

End of document