

# Acorn Products (PTY) Ltd.

## SAFETY DATA SHEET

Version 2.0 Revision Date: June 2020

Date of issue: June 2015

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### 1. IDENTIFICATION OF THE SUBSTANCE

Product name: Brass Brite  
Manufacturer: BMT Supplies  
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

Identification: Carbro 'Brass Brite' label on plastic pump spray bottle  
Appearance: Green liquid  
Odour: Neutral  
Solubility: Miscible in water  
Solubility in solvent: Emulsifies  
pH: > 2.1  
Boiling point: 100 °C  
Freezing point: N/A  
Flash point: Not determined  
Flammability: Not Flammable  
Auto flammability: None  
Explosive properties: None  
Oxidizing properties: None  
Vapour pressure: Not determined  
Neurotoxicity: Not determined

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### 3. FIRE HAZARD AND CONTROL

Flammability: Non-flammable  
Extinguishing media: Water, dry foam, CO<sub>2</sub>  
Special fire fighting procedures: None  
Unusual fire fighting hazards: None

Protective gear:

Standard gear

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#### 4. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components:	Phosphoric acid	0% - 5%
	Sulphamic acid	0% - 5%
	Nitric acid	0% - 5%
R phrases:	R22 Harmful if swallowed	
	R36 Irritating to the eyes	
	R38 Irritation to the skin	

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#### 5. HAZARD INFORMATION (also see section 7)

Main hazard:	Irritant
Flammability:	Not flammable
Chemical hazard:	Harmful
Biological hazard:	Not know
Reproductive hazard:	Not known
Eye effects:	Stinging sensation
Health effects	
Skin:	Skin absorption may cause irritation
Ingestion:	Irritation to the gastrointestinal tract, nausea, vomiting, diarrhoea
Inhalation:	None
Carcinogenicity:	Not suspected
Mutagenicity:	Not determined
Neurotoxicity:	Not determined

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#### 6. FIRST AID MEASURES

General advice:	Irritant
Inhalation:	Not applicable
Skin contact:	Wash well with water
Eye contact:	Flush eyes with clear water until irritation stops
Ingestion:	Do not induce vomiting, drink plenty of water and seek medical attention immediately

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#### 7. TOXICOLOGICAL INFORMATION

Main hazard:	Irritant
Acute toxicity:	Not determined
Chronic toxicity:	Not determined
Carcinogenicity:	Not determined
Mutagenicity:	Not determined
Reproductive hazard:	Not determined

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## 8. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Gloves and safety glasses must be worn
Environmental precautions:	Do not allow to enter waterways
Small spill:	Flush to drain with plenty of water
Large spill:	Absorb into inert material and dispose of at an approved landfill site

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## 9. HANDLING AND STORAGE

Suitable material:	Polypropylene container
Storage:	Store below 25°C, keep out of reach of children
Handling:	Handle with care

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## 10. SPECIAL PROTECTION INFORMATION

Occupation exposure limits:	Not determined
Engineering control measures:	Standard measures
Personal protection – respiratory:	None required
Personal protection – hand:	Gloves may be worn
Personal protection – eye:	Safety glasses may be worn
Personal protection – Skin:	None
Other protection:	None

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## 11. REACTIVITY DATA

Stability:	2 year shelf life from date of manufacture
Conditions to avoid:	None known
Incompatibility (measures to avoid):	Strong alkalis, oxidizing agents, reducing agents, silver
Hazardous decomposition or byproducts:	None known

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## 12. ECOLOGICAL INFORMATION

Biodegradable:	Yes
Hazards:	Irritant
Aquatic toxicity – Fish:	Not determined
Aquatic toxicity – Daphnia:	Not determined
Aquatic toxicity – Algae:	Not determined
Bioaccumulation:	Not determined
Mobility:	Not determined

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### 13. DISPOSAL CONSIDERATIONS

Disposal method: Incinerate or dispose of at an approved landfill site

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### 14. TRANSPORT INFORMATION

UN no.	Non hazardous for air, sea and road freight
Substance identity no.:	Not assigned
ADR/RID hazard identity no.:	Not assigned
IMDG Shipping name:	Not assigned
IMDG Shipping Class:	Not assigned
IATA Shipping name:	Not assigned
IATA Shipping Class:	Not assigned
UK description:	Not assigned
UK classification:	Not assigned
Tremcard no.:	Not assigned

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### 15. REGULATORY INFORMATION

EEC hazard classification:	Not classified
Risk phases:	R 22/36/38
Safety phases:	S 2/3/25/26/36
National legislation:	None known

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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.

The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Information supplied by manufacturer's Technical Support Department

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*End of document*

# Acorn Products (PTY) Ltd.

## SAFETY DATA SHEET

Version 1.0 Revision Date: September 2017

Date of issue: September 2012

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### 1. IDENTIFICATION OF THE SUBSTANCE

Product name:	Flush
Manufacturer:	BMT Suppliers
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:	White crystalline powder, odorless
Relative density at 20°C:	1.25 g/cm <sup>3</sup>
Solubility in water:	17.6% wt% at 20°C
Melting point:	205 °C
Vapor pressure:	Not found
pH of 91% aqueous solution:	1.18 at 25°C
Boiling point:	Not found
Explosive properties:	Nil
Oxidising properties:	Nil
Flash point:	Not found
Flammability:	Limits in air not found

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### 3. FIRE HAZARD AND CONTROL

Flammability:	Limits in air not found
Extinguishing media:	Use media appropriate to surrounding fire conditions
Special fire fighting procedures:	Wear full protective clothing and self-contained breathing apparatus
Unusual fire fighting hazards:	Material may emit fumes of sulphur dioxide, sulphur trioxide, nitrogen oxides and ammonia gas when involved in a fire

#### 4. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components: Sulphamic acid (CAS no. 5329-14-6)

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#### 5. HAZARD INFORMATION (also see section 7)

Main hazard: Sulphamic acid and its solution cause eye burns and irritate the nose, throat and skin.

Flammability: Limits in air not found

Chemical hazard: In water it is strongly acidic and is slowly hydrolyses at room temperature to form sulphate and bisulphate

Biological hazard: Nil

Reproduction hazard: Nil

Eye effect: Flush with copious amounts of water and seek medical attention.

Health effects – skin: Flush with water and remove contaminated clothing.

Ingestion: Drink copious amounts of water and seek medical attention

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#### 6. FIRST AID MEASURES

Eye contact: Flush with water for at least 15 minutes and contact a physician

Skin contact: Flush the contaminated area with plenty of water and remove contaminated clothing

Ingestion: DO NOT INDUCE VOMITTING. Patient shall drink a large amount of water immediately, contact a physician

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#### 7. TOXICOLOGICAL INFORMATION

Acute toxicity: Corrosive, irritant

Skin and eye contact: Sulphamic acid and its solution cause eye burns and irritate the nose, throat and skin.

Chronic toxicity: Corrosive, irritant

Carcinogenicity: Not available

Mutagenicity: Not available

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#### 8. ACCIDENTAL RELEASE MEASURES

Avoid contact with skin and eyes; avoid breathing dusts, mists, or spray.

Small spills: Flush thoroughly with water and the best way to neutralize it is with calcium hydroxide

Large spills: remove as much as possible and label the container to be stored in a safe place until proper disposal. Wash spilled areas thoroughly with water

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#### 9. HANDLING AND STORAGE

Handling: Keep container dry. Do not get into contact with eyes; avoid contact with skin and clothing  
Application: Use rubber or plastic gloves to minimise exposure to the skin when handling Sulphamic acid and its solution  
Storage: Store in a cool dry place. Keep out of reach of children

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## 10. SPECIAL PROTECTIVE INFORMATION

Respiratory protection: Wearing a mouth muffle to prevent dust and mist inhalation  
Hand protection: Rubber or plastic gloves  
Eye protection: Chemical splash goggles  
Skin protection: Wear rubber shoes and protective clothing to minimize skin contact

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## 11. REACTIVITY DATA

Stability: Sulphamic acid is highly stable as a dry crystalline solid, but in water it is strongly acidic and is slowly hydrolyses at room temperature to form sulphate and bisulphate.  
Hazardous decomposition: No hazardous decomposition products.

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## 12. ECOLOGICAL INFORMATION

Aquatic toxicity - fish: Environmental data not available.  
Aquatic toxicity – Daphnia: Environmental data not available.  
Aquatic toxicity – Algae: Environmental data not available.

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## 13. DISPOSAL CONSIDERATIONS

Disposal method: If material is released or spilled, remove as much as possible and label the container to be stored in a safe place until proper disposal. Wash spilled areas thoroughly with water.

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## 14. TRANSPORT INFORMATION

UN NO: 2967  
Packing group: III  
ADR/RID (land): 8.16c  
Class: 8  
IMDG: 8/8229  
Ems no: 8-08  
MFAG no: 700

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## **15. REGULATORY INFORMATION**

WHMIS Classification

Non-regulated

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substances Inventory

All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

This product is not subject to the reporting requirements under California's Proposition 65.

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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. Each user should review these recommendations in the specific context of their situation and the intended use and determine whether they are appropriate.

Preparation information on container.

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*End of document*



# Acorn Products (PTY) Ltd.

## SAFETY DATA SHEET

Version 1.0 Revision Date: June 2017

Date of issue: June 2012

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### 1. IDENTIFICATION OF THE SUBSTANCE

Product name: Glass and Ceramic Stove Top Cleaner  
Supplier: Carbro Manufacturing and Sales  
Manufacturer: BMT Supplies  
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

Identification: Carbro 'Glass & Ceramic Stove Top Cleaner' label on plastic tub  
Appearance: White powder  
Odour: Odorless  
Solubility: Partially  
Solubility in solvent: Insolvent  
pH: N/A  
Boiling point: N/A  
Freezing point: N/A  
Flash point: N/A  
Flammability: N/A  
Auto flammability: N/A  
Explosive properties: Nil  
Oxidizing properties: N/A  
Vapour pressure: N/A  
Neurotoxicity: Nil

### 3. FIRE HAZARD AND CONTROL

Flammability:	Non-flammable
Extinguishing media:	N/A
Special fire fighting procedures:	None
Protective gear:	Standard gear

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### 4. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components:	Nonhazardous
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### 5. HAZARD INFORMATION (also see section 7)

Main hazard:	Minor irritant
Flammability:	Not flammable
Chemical hazard:	Nil
Biological hazard:	No
Reproductive hazard:	Nil
Eye effects:	Minor irritant

#### Health effects

Skin:	Nil
Ingestion:	Nil
Inhalation:	Nil

Carcinogenicity:	Nil
Mutagenicity:	Nil
Neurotoxicity:	Nil

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### 6. FIRST AID MEASURES

General advice:	Minor irritant
Eye contact:	Flush eyes with clear water for 15 minutes

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### 7. TOXICOLOGICAL INFORMATION

Main hazard:	Irritant
Acute toxicity:	Non toxic
Chronic toxicity:	Nil
Carcinogenicity:	Nil
Mutagenicity:	Nil
Reproductive hazard:	Nil

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## 8. ACCIDENTAL RELEASE MEASURES

Personal precautions:	N/A
Environmental precautions:	N/A
Small spill:	Sweep up
Large spill:	Sweep up

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## 9. HANDLING AND STORAGE

Appearance:	White powder
Storage:	Store below 25°C, keep out of reach of children
Handling:	Minor irritant

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## 10. SPECIAL PROTECTION INFORMATION

Occupation exposure limits:	N/A
Engineering control measures:	N/A
Personal protection – respiratory:	N/A
Personal protection – hand:	N/A
Personal protection – eye:	N/A
Personal protection – Skin:	N/A
Other protection:	N/A

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## 11. REACTIVITY DATA

Stability:	2 year shelf life from date of manufacture
Conditions to avoid:	Damp
Hazardous decomposition	N/A

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## 12. ECOLOGICAL INFORMATION

Hazards:	Minor irritant
Aquatic toxicity – Fish:	Non-toxic
Aquatic toxicity – Daphnia:	Non-toxic
Aquatic toxicity – Algae:	Non-toxic
Biodegradability:	Yes
Bioaccumulation:	No
Mobility:	Not determined

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## 13. DISPOSAL CONSIDERATIONS

Disposal method:	No special method. Observe all applicable Federal / Provincial / State regulations and Local Municipality ordinances regarding disposal of non-hazardous material
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#### **14. TRANSPORT INFORMATION**

UN no.	Non hazardous for air, sea and road freight
Substance identity no.:	N/A
ADR/RID hazard identity no.:	N/A
IMDG Shipping name:	N/A
IMDG Shipping Class:	N/A
IATA Shipping name:	N/A
IATA Shipping Class:	NA
UK description:	N/A
UK classification:	N/A
Tremcard no.:	N/A

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#### **15. REGULATORY INFORMATION**

##### WHMIS CLASSIFICATION

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) chemical substances inventory

All ingredients in this product comply with the New Substances Notification requirements under Canadian Environmental Protection Act (CEPA)

This product is not subject to the reporting requirements under California's Proposition 65

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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.

The recommended industrial hygiene and safe handling procedures are believed to be generally applicable; however, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Information supplied by manufacturer's Technical Support Department

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*End of document*

# Acorn Pharmaceuticals (PTY) Ltd.

## SAFETY DATA SHEET

Version 1.0 Revision Date: April 2017

Date of issue: September 2012

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### 1. IDENTIFICATION OF THE SUBSTANCE

Product name: Hot Plate Protector  
Manufacturer: BMT Supplies  
Company: Acorn Pharmaceuticals (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

Identification: Carbro "Hot Plate Protector and Restorer" Blue printed on silver plastic tube with blue lid.  
Appearance: Silver grey solid (cream)  
Odour: Mild  
Solubility: Insoluble  
Solubility in solvent: Soluble  
pH: N/A  
Boiling point °C: >110°C  
Melting point °C: 80°C  
Freezing point: N/A  
Flash Point: >90°C  
Flammability: Moderately flammable  
Auto Ignition temp: >150°C  
Explosive properties: Nil  
Oxidizing properties: N/A  
Vapour pressure: N/A  
Neurotoxicity: Nil

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### 3. FIRE HAZARD AND CONTROL

Flammability: Moderately flammable  
Extinguishing media: Dry chemical, CO<sub>2</sub>, foam, sand and water.  
Special fire fighting procedures: None

Protective gear: Standard gear

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#### 4. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components: Nonhazardous

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#### 5. HAZARD INFORMATION (also see section 7)

Main hazard:	Minor irritant
Flammability:	Moderately flammable
Chemical hazard:	Nil
Biological hazard	Nil
Reproduction hazard	Nil
Eye effect	Minor irritant
Health effects - skin	Nil
Ingestion	Nil
Inhalation	Nil
Carcinogenicity	Nil
Mutagenicity	Nil
Neurotoxicity	Nil

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#### 6. FIRST AID MEASURES

General advice:	Minor irritant
Eye contact:	Flush eyes with copious amounts of water, if irritation persists, seek medical attention.
Skin contact:	Wash with soap and water
Inhalation:	Remove to fresh air. If effects persist seek medical attention.

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#### 7. TOXICOLOGICAL INFORMATION

Acute toxicity	Non toxic
Skin and eye contact	Minor eye irritant
Chronic toxicity	Nil
carcinogenicity	Nil
mutagenicity	Nil
reproductive hazards	Nil

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#### 8. ACCIDENTAL RELEASE MEASURES

Environmental precautions	Prevent entering water ways
Small spills	Absorb in earth or sand or other suitable material
Large spills	Absorb in earth or sand or other suitable material. Advise the appropriate authorities
Occupational exposure limits	N/A
Engineering control measures	N/A

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## 9. HANDLING AND STORAGE

Handling: Minor irritant  
Storage: Keep dry, not subject to extreme temperatures, store below 25°C, and keep out of reach of children

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## 10. SPECIAL PROTECTION INFORMATION

Occupational exposure limits: N/A  
Engineering control measures: N/A  
Personal protection – respiratory: Local exhaust ventilation is recommended for excessive misting when product is melted.  
Personal protection – hands: Provide equipment to reduce manual handling needs.  
Personal protection – skin: N/A  
Personal protection – eyes: N/A  
Other protection: N/A

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## 11. REACTIVITY DATA

Stability: The product is stable and not subject to polymerisation  
Conditions to avoid: Exposure to extreme heat  
Incompatible materials: Strong oxidizing agents  
Hazardous decomposition: Oxides of carbons

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## 12. ECOLOGICAL INFORMATION

Aquatic toxicity – Fish: Toxic  
Aquatic toxicity – Daphnia: Toxic  
Aquatic toxicity – Algae: Toxic  
Biodegradability: No <60% (CEC-33-T-82)  
Mobility: Not determined

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## 13. DISPOSAL CONSIDERATIONS

Disposal method: Do not allow to contaminate ponds, water courses or drains.

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## 14. TRANSPORT INFORMATION

EAC: 0  
Marine pollutant: Yes  
UN no: N/A  
Substance identity no: N/A  
ADR/RID: N/A  
ADR/RID hazard identity no: N/A  
IMDG shipping name: N/A  
IMDG class: N/A  
IMDG packaging group: N/A

IMDG marine pollutant:	N/A
IMDG EMS no:	N/A
IMDG MFAG table no:	N/A
IATA shipping name:	N/A
IATA class:	N/A
IATA subsidiary risk:	N/A
ADNR class:	N/A
Uk description:	N/A
UK emergency action class:	N/A
UK classification	N/A
Tremcard no:	N/A

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## 15. REGULATORY INFORMATION

EEC Hazard classification:	N/A
Risk Phrases:	N/A
Safety Phrases:	N/A

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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.

The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Information supplied by manufacturer's Technical Support Department. Refer to page 1 (Manufacturer) for contact information.

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*End of Document*



# Acorn Products (PTY) Ltd.

## SAFETY DATA SHEET

Version 1.0 Revision Date: April 2017

Date of issue: September 2012

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### 1. IDENTIFICATION OF THE SUBSTANCE

Product name: Hot-Iron Cleaner  
Manufacturer: BMT Supplies  
Company: Acorn Pharmaceuticals (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

Identification: Carbro "Hot-Iron Cleaner" printed on silver plastic tube with red lid.  
Appearance: White solid (paste)  
Odour: Mild  
Solubility: Insoluble  
Solubility in solvent: Soluble  
pH: N/A  
Boiling point °C: >250°C  
Melting point °C: >4°C  
Freezing point: N/A  
Flash Point: >199°C  
Flammability: Non flammable  
Auto Ignition temp: 360°C  
Explosive properties: Nil  
Oxidizing properties: N/A  
Vapour pressure: N/A  
Neurotoxicity: Not determined

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### 3. FIRE HAZARD AND CONTROL

Flammability: Non flammable  
Extinguishing media: Dry chemical, CO<sub>2</sub>, foam, sand and water.  
Special fire fighting procedures: None

Protective gear: Standard gear

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#### 4. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components: Polyethylene glycol  
Glycerine

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#### 5. HAZARD INFORMATION (also see section 7)

Main hazard:	Minor irritant
Flammability:	Non flammable
Chemical hazard:	Nil
Biological hazard	Nil
Reproduction hazard	Not determined
Eye effect	Minor irritant
Health effects - skin	Minor irritant
Ingestion	May cause irritation of the digestive tract
Inhalation	May cause respiratory tract irritation
Carcinogenicity	Not determined
Mutagenicity	Not determined
Neurotoxicity	Not determined

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#### 6. FIRST AID MEASURES

General advice:	Minor irritant
Eye contact:	Flush eyes with copious amounts of water, if irritation persists, seek medical attention.
Skin contact:	Wash with soap and water
Inhalation:	Remove to fresh air. If effects persist seek medical attention.

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#### 7. TOXICOLOGICAL INFORMATION

Acute toxicity	Non toxic
Skin and eye contact	Minor irritant
Chronic toxicity	Nil
Carcinogenicity	Not determined
Mutagenicity	Not determined
Reproductive hazards	Not determined

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#### 8. ACCIDENTAL RELEASE MEASURES

Environmental precautions	Prevent entering water ways
Small spills	Absorb in earth or sand or other suitable material
Large spills	Absorb in earth or sand or other suitable material. Advise the appropriate authorities
Occupational exposure limits	N/A
Engineering control measures	N/A

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## 9. HANDLING AND STORAGE

Handling: Wash thoroughly after handling  
Storage: Store in a tightly closed container.

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## 10. SPECIAL PROTECTION INFORMATION

Occupational exposure limits: N/A  
Engineering control measures: N/A  
Personal protection – respiratory: Avoid inhaling fumes  
Personal protection – hands: Wear gloves.  
Personal protection – skin: Avoid contact with skin  
Personal protection – eyes: N/A  
Other protection: N/A

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## 11. REACTIVITY DATA

Stability: The product is stable  
Conditions to avoid: Exposure to extreme heat  
Incompatible materials: N/A  
Hazardous decomposition: N/A

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## 12. ECOLOGICAL INFORMATION

Aquatic toxicity – Fish: Not determined  
Aquatic toxicity – Daphnia: Not determined  
Aquatic toxicity – Algae: Not determined  
Biodegradability: Not determined  
Mobility: Not determined

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## 13. DISPOSAL CONSIDERATIONS

Disposal method: Do not allow to contaminate ponds, water courses or drains.

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## 14. TRANSPORT INFORMATION

EAC 0  
Marine pollutant Not determined  
UN no: N/A  
Substance identity no: N/A  
ADR/RID: N/A  
ADR/RID hazard identity no: N/A  
IMDG shipping name: N/A  
IMDG class: N/A  
IMDG packaging group: N/A  
IMDG marine pollutant: N/A

IMDG EMS no:	N/A
IMDG MFAG table no:	N/A
IATA shipping name:	N/A
IATA class:	N/A
IATA subsidiary risk:	N/A
ADNR class:	N/A
UK description:	N/A
UK emergency action class:	N/A
UK classification	N/A
Tremcard no:	N/A

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## **15. REGULATORY INFORMATION**

EEC Hazard classification:	N/A
Risk Phrases:	N/A
Safety Phrases:	N/A

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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.

The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Information supplied by manufacturer's Technical Support Department. Refer to page 1 (Manufacturer) for contact information.

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*End of Document*

# Acorn Products (PTY) Ltd.

## SAFETY DATA SHEET

Version 1.0 Revision Date: February 2016

Date of issue: February 2011

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### 1. IDENTIFICATION OF THE SUBSTANCE

Product name: Kettle and Steam Iron Cleaner  
Brand: Carbro  
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: White crystalline powder, odorless  
Relative density at 20°C: 1.25 g/cm<sup>3</sup>  
Solubility in water: 17.6% wt% at 20°C  
Melting point: 205 °C  
Vapor pressure: Not found  
pH of 91% aqueous solution: 1.2 at 25°C  
Explosive properties: Nil  
Oxidising properties: Nil  
Flash point: Not found

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### 3. FIRE HAZARD AND CONTROL

Flammability: Limits in air not found  
Flash point: Not found  
Extinguishing media: Media appropriate to surrounding fire conditions  
Special fire fighting procedures: Wear full protective clothing and self-contained breathing apparatus  
Unusual fire fighting hazards: Material may emit fumes of sulphur dioxide, sulphur trioxide, nitrogen oxides and ammonia gas when involved in a fire

#### 4. COMPOSITION/INFORMATION ON INGREDIENTS

Sulphamic acid (CAS no. 5329-14-6)

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#### 5. HAZARD INFORMATION

CORROSIVE – Sulphamic acid and its solution cause eye burns and irritate the nose, throat and skin.

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#### 6. FIRST AID MEASURES

Eye contact:	Flush with water for at least 15 minutes and contact a physician
Skin contact:	Flush the contaminated area with plenty of water and remove contaminated clothing
Ingestion:	DO NOT INDUCE VOMITTING. Patient shall drink a large amount of water immediately, contact a physician

---

#### 7. ACCIDENTAL RELEASE MEASURES

Avoid contact with skin and eyes; avoid breathing dusts, mists, or spray.

Methods for cleaning up:	Flush thoroughly with water and the best way to neutralize it is with calcium hydroxide
--------------------------	---

---

#### 8. PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection:	Wearing a mouth muffle to prevent dust and mist inhalation
Hand protection:	Rubber or plastic gloves
Eye protection:	Chemical splash goggles
Skin protection:	Wear rubber shoes and protective clothing to minimize skin contact

---

#### 9. TOXICOLOGICAL INFORMATION

CORROSIVE – Sulphamic acid and its solution cause eye burns and irritate the nose, throat and skin.

---

#### 10. HANDLING AND STORAGE

Handling:	Do not get into contact with eyes; avoid contact with skin and clothing
Application:	Use rubber or plastic gloves to minimise exposure to the skin when handling Sulphamic acid and its solution
Storage:	Store in a cool dry place. Keep out of reach of children

---

## 11. REACTIVITY DATA

Sulphamic acid is highly stable as a dry crystalline solid, but in water it is strongly acidic and is slowly hydrolyses at room temperature to form sulphate and bisulphate. No hazardous decomposition products.

---

## 12. ECOLOGICAL INFORMATION

Sulphamic acid is a strong acid in solution. Environmental data not available.

---

## 13. DISPOSAL CONSIDERATIONS

If material is released or spilled, remove as much as possible and label the container to be stored in a safe place until proper disposal. Wash spilled areas thoroughly with water.

---

## 14. TRANSPORT INFORMATION

Postal dispatch approval: No  
Non-dangerous cargo. Keep dry. Keep separate from foodstuffs

---

## 15. REGULATORY INFORMATION

WHMIS Classification  
Non-regulated  
All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substances Inventory

---

## 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. Each user should review these recommendations in the specific context of their situation and the intended use and determine whether they are appropriate.  
Preparation information on container.

---

*End of document*

# Acorn Pharmaceuticals (PTY) Ltd.

## SAFETY DATA SHEET

Version 1.0 Revision Date: April 2017

Date of issue: September 2012

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### 1. IDENTIFICATION OF THE SUBSTANCE

Product name: Patio Brite  
Supplier: Carbro Manufacturing and Sales  
Manufacturer: BMT Supplies  
Company: Acorn Pharmaceuticals (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

Identification: Carbro "Patio Brite" Label on white plastic tub.  
Appearance: White Powder  
Odour: Odorless  
Solubility: Partial  
Solubility in solvent: Insoluble  
pH: N/A  
Boiling point °C: N/A  
Freezing point: N/A  
Flash Point: N/A  
Flammability: N/A  
Auto Flammability: N/A  
Explosive properties: Nil  
Oxidizing properties: N/A  
Vapour pressure: N/A  
Neurotoxicity: Nil

---

### 3. FIRE HAZARD AND CONTROL

Flammability: non-flammable  
Extinguishing media: N/A  
Special fire fighting procedures: None  
Protective gear: Standard gear

---



#### 4. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components: Nonhazardous

---

#### 5. HAZARD INFORMATION (also see section 7)

Main hazard:	Minor irritant
Flammability:	Not flammable
Chemical hazard:	Nil
Biological hazard	No
Reproduction hazard	Nil
Eye effect	Minor irritant
Health effects - skin	Nil
Ingestion	Nil
Inhalation	Nil
Carcinogenicity	Nil
Mutagenicity	Nil
Neurotoxicity	Nil

---

#### 6. FIRST AID MEASURES

General advice:	Minor irritant
Eye contact:	Flush eyes with clear water for 15 minutes

---

#### 7. TOXICOLOGICAL INFORMATION

Acute toxicity	Non toxic
Skin and eye contact	Minor eye irritant
Chronic toxicity	Nil
carcinogenicity	Nil
mutagenicity	Nil
reproductive hazards	Nil

---

#### 8. ACCIDENTAL RELEASE MEASURES

Environmental precautions	N/A
Small spills	Sweep up
Large spills	Sweep up
Occupational exposure limits	N/A
Engineering control measures	N/A

---

#### 9. HANDLING AND STORAGE

Handling:	Minor irritant
Storage:	Keep dry, store below 25°C, and keep out of reach of children

---

## 10. SPECIAL PROTECTION INFORMATION

Occupational exposure limits:	N/A
Engineering control measures:	N/A
Personal protection – respiratory:	N/A
Personal protection – hands:	N/A
Personal protection – skin:	N/A
Personal protection – eyes:	N/A
Other protection:	N/A

## 11. REACTIVITY DATA

Stability:	2 year shelf life from date of manufacture
Conditions to avoid:	Damp
Incompatible materials	Nil
Hazardous decomposition	N/A

---

## 12. ECOLOGICAL INFORMATION

Aquatic toxicity – Fish:	Non toxic
Aquatic toxicity – Daphnia:	Non toxic
Aquatic toxicity – Algae:	Non toxic
Biodegradability:	Yes
Bio accumulation:	No
Mobility:	Not determined

---

## 13. DISPOSAL CONSIDERATIONS

Disposal method:	No special method. Observe all applicable Federal/ Provincial/ State regulations and Local/ Municipal ordinances regarding disposal of non-hazardous materials.
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## 14. TRANSPORT INFORMATION

UN no:	N/A
Substance identity no:	N/A
ADR/RID:	N/A
ADR/RID hazard identity no:	N/A
IMDG shipping name:	N/A
IMDG class:	N/A
IMDG packaging group:	N/A
IMDG marine pollutant:	N/A
IMDG EMS no:	N/A
IMDG MFAG table no:	N/A
IATA shipping name:	N/A
IATA class:	N/A
IATA subsidiary risk:	N/A
ADNR class:	N/A

Uk description: N/A  
UK emergency action class: N/A  
UK classification N/A  
Tremcard no: N/A

---

## 15. REGULATORY INFORMATION

### WHMIS CLASSIFICATION

Non-regulated. All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory. All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

This product is not subject to the reporting requirements under California's Proposition 65.

---

## 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.

The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Information supplied by manufacturer's Technical Support Department. Refer to page 1 (Manufacturer) for contact information.

---

*End of Document*

# Acorn Products (PTY) Ltd.

## SAFETY DATA SHEET

Version 1.0 Revision Date: September 2017

Date of issue: September 2012

---

### 1. IDENTIFICATION OF THE SUBSTANCE

Product name:	Shower Head Cleaner
Manufacturer:	BMT Suppliers
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:	White crystalline powder, odorless
Relative density at 20°C:	1.25 g/cm <sup>3</sup>
Solubility in water:	17.6% wt% at 20°C
Melting point:	205 °C
Vapor pressure:	Not found
pH of 91% aqueous solution:	1.18 at 25°C
Boiling point:	Not found
Explosive properties:	Nil
Oxidising properties:	Nil
Flash point:	Not found
Flammability:	Limits in air not found

---

### 3. FIRE HAZARD AND CONTROL

Flammability:	Limits in air not found
Extinguishing media:	Use media appropriate to surrounding fire conditions
Special fire fighting procedures:	Wear full protective clothing and self-contained breathing apparatus
Unusual fire fighting hazards:	Material may emit fumes of sulphur dioxide, sulphur trioxide, nitrogen oxides and ammonia gas when involved in a fire

#### 4. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components: Sulphamic acid (CAS no. 5329-14-6)

---

#### 5. HAZARD INFORMATION (also see section 7)

Main hazard: Sulphamic acid and its solution cause eye burns and irritate the nose, throat and skin.  
Flammability: Limits in air not found  
Chemical hazard: In water it is strongly acidic and is slowly hydrolyses at room temperature to form sulphate and bisulphate  
Biological hazard: Nil  
Reproduction hazard: Nil  
Eye effect: Flush with copious amounts of water and seek medical attention.  
Health effects – skin: Flush with water and remove contaminated clothing.  
                                  Ingestion: Drink copious amounts of water and seek medical attention

---

#### 6. FIRST AID MEASURES

Eye contact: Flush with water for at least 15 minutes and contact a physician  
Skin contact: Flush the contaminated area with plenty of water and remove contaminated clothing  
Ingestion: DO NOT INDUCE VOMITTING. Patient shall drink a large amount of water immediately, contact a physician

---

#### 7. TOXICOLOGICAL INFORMATION

Acute toxicity: Corrosive, irritant  
Skin and eye contact: Sulphamic acid and its solution cause eye burns and irritate the nose, throat and skin.  
Chronic toxicity: Corrosive, irritant  
Carcinogenicity: Not available  
Mutagenicity: Not available

---

#### 8. ACCIDENTAL RELEASE MEASURES

Avoid contact with skin and eyes; avoid breathing dusts, mists, or spray.  
Small spills: Flush thoroughly with water and the best way to neutralize it is with calcium hydroxide  
Large spills: remove as much as possible and label the container to be stored in a safe place until proper disposal. Wash spilled areas thoroughly with water

---

#### 9. HANDLING AND STORAGE

Handling: Keep container dry. Do not get into contact with eyes; avoid contact with skin and clothing  
Application: Use rubber or plastic gloves to minimise exposure to the skin when handling Sulphamic acid and its solution  
Storage: Store in a cool dry place. Keep out of reach of children

---

## 10. SPECIAL PROTECTIVE INFORMATION

Respiratory protection: Wearing a mouth muffle to prevent dust and mist inhalation  
Hand protection: Rubber or plastic gloves  
Eye protection: Chemical splash goggles  
Skin protection: Wear rubber shoes and protective clothing to minimize skin contact

---

## 11. REACTIVITY DATA

Stability: Sulphamic acid is highly stable as a dry crystalline solid, but in water it is strongly acidic and is slowly hydrolyses at room temperature to form sulphate and bisulphate.  
Hazardous decomposition: No hazardous decomposition products.

---

## 12. ECOLOGICAL INFORMATION

Aquatic toxicity - fish: Environmental data not available.  
Aquatic toxicity – Daphnia: Environmental data not available.  
Aquatic toxicity – Algae: Environmental data not available.

---

## 13. DISPOSAL CONSIDERATIONS

Disposal method: If material is released or spilled, remove as much as possible and label the container to be stored in a safe place until proper disposal. Wash spilled areas thoroughly with water.

---

## 14. TRANSPORT INFORMATION

UN NO: 2967  
Packing group: III  
ADR/RID (land): 8.16c  
Class: 8  
IMDG: 8/8229  
Ems no: 8-08  
MFAG no: 700

---

## **15. REGULATORY INFORMATION**

WHMIS Classification

Non-regulated

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substances Inventory

All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

This product is not subject to the reporting requirements under California's Proposition 65.

---

## **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. Each user should review these recommendations in the specific context of their situation and the intended use and determine whether they are appropriate.

Preparation information on container.

---

*End of document*

# Acorn Products (PTY) Ltd.

## SAFETY DATA SHEET

Version 1.0 Revision Date: September 2017

Date of issue: September 2012

---

### 1. IDENTIFICATION OF THE SUBSTANCE

Product name: Silver Brite  
Manufacturer: BMT Supplies  
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

Identification: Carbro 'Silver Brite' blue label on plastic pump spray bottle  
Appearance: Pink liquid  
Odour: Typical  
Solubility: Complete in water  
Solubility in solvent: Not determined  
Solubility coefficient: Not calculated  
pH: 2.0 +/- 0.3  
Boiling point: Not determined  
Freezing point: N/A  
Flash point: Not determined  
Flammability: Not Flammable  
Auto flammability: None  
Explosive properties: None  
Oxidizing properties: None  
Vapour pressure: Not determined  
Neurotoxicity: Not known

---

### 3. FIRE HAZARD AND CONTROL

Flammability: Non-flammable  
Extinguishing media: Water, dry foam, CO<sub>2</sub>



Special fire fighting procedures: None  
Unusual fire fighting hazards: None  
Protective gear: Standard gear

---

#### 4. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components: Phosphoric acid  
Thiorea  
EEC classification: Not assigned  
R phrases: R22 Harmful if swallowed

---

#### 5. HAZARD INFORMATION (also see section 7)

Main hazard: Harmful  
Flammability: Not flammable  
Chemical hazard: Harmful  
Biological hazard: Not determined  
Reproductive hazard: Not determined  
Eye effects: Stinging sensation  
Health effects  
Skin: May cause irritation and stinging  
Ingestion: Irritation to gastrointestinal tract, nausea, vomiting,  
Inhalation: Not applicable.  
Carcinogenicity: Thiourea(<10%) reasonably anticipated to be a  
carcinogen  
Mutagenicity: Not determined  
Neurotoxicity: Not determined

---

#### 6. FIRST AID MEASURES

General advice: Harmful  
Inhalation: Not applicable  
Skin contact: Wash well with soap and water  
Eye contact: Flush eyes with water for at least 15 minutes or until  
irritation stops.  
Ingestion: Do not induce vomiting, drink plenty of water and seek  
medical attention.

---

#### 7. TOXICOLOGICAL INFORMATION

Main hazard: Harmful  
Acute toxicity: Not determined  
Chronic toxicity: Not determined  
Carcinogenicity: Not determined  
Mutagenicity: Not determined  
Reproductive hazard: Not determined  
Skin and eye contact: Irritation

---

## 8. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Gloves recommended
Environmental precautions:	Do not allow to enter waterways
Small spill:	Flush to drain with plenty of water
Large spill:	Absorb onto inert material and dispose of at an approved landfill site. Flush small residue to drain with plenty of water

---

## 9. HANDLING AND STORAGE

Suitable material:	Polypropylene container
Storage/ Handling:	Handle with care/store in a cool dry place.

---

## 10. SPECIAL PROTECTION INFORMATION

Occupation exposure limits:	Not determined
Engineering control measures:	Standard measures
Personal protection – respiratory:	None
Personal protection – hand:	Gloves recommended
Personal protection – eye:	Safety glasses if splashing is excessive
Personal protection – Skin:	None
Other protection:	None

---

## 11. REACTIVITY DATA

Stability:	Stable
Conditions to avoid:	None known
Incompatibility (measures to avoid):	None known
Hazardous decomposition:	None

---

## 12. ECOLOGICAL INFORMATION

Biodegradable:	Yes
Aquatic toxicity – Fish:	Not determined
Aquatic toxicity – Daphnia:	Not determined
Aquatic toxicity – Algae:	Not determined
Bioaccumulation:	Not determined
Mobility:	Not determined

---

## 13. DISPOSAL CONSIDERATIONS

Disposal method:	May be flushed away with water to normal effluent plants
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#### 14. TRANSPORT INFORMATION

UN no.	Not assigned
Substance identity no.:	Not assigned
ADR/RID hazard identity no.:	Not assigned
IMDG Shipping name:	Not assigned
IMDG Shipping Class:	Not assigned
IATA Shipping name:	Not assigned
IATA Shipping Class:	Not assigned
UK description:	Not assigned
UK classification:	Not assigned
Tremcard no.:	Not assigned

---

#### 15. REGULATORY INFORMATION

EEC hazard classification:	Not classified
Risk phases:	R 22 Harmful if swallowed
Safety phases:	S 2 Keep out of reach of children S 3 Keep in a cool place S 25 Avoid contact with eyes
National legislation:	None known

---

#### 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.

The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Information supplied by manufacturer's Technical Support Department

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*End of document*

# Acorn Products (PTY) Ltd.

## SAFETY DATA SHEET

Version 1.0 Revision Date: September 2017

Date of issue: September 2012

---

### 1. IDENTIFICATION OF THE SUBSTANCE

Product name: Steel Brite  
Manufacturer: BMT Supplies  
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

Identification: Carbro 'Steel Brite' green label on plastic pump spray bottle  
Appearance: Blue liquid  
Odour: Typical  
Solubility: Complete in water  
Solubility in solvent: Not determined  
pH: N/A  
Boiling point: N/A  
Freezing point: Not known  
Flash point: None  
Flammability: Not Flammable  
Auto flammability: None  
Explosive properties: None  
Oxidizing properties: None  
Vapour pressure: Not determined  
Neurotoxicity: Not determined

---

### 3. FIRE HAZARD AND CONTROL

Flammability: Non-flammable  
Extinguishing media: Water, dry foam, CO<sub>2</sub>  
Special fire fighting procedures: None

Unusual fire fighting hazards: None  
Protective gear: Standard gear

---

#### 4. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components: Butyl Cellosolve  
R phrases: R21 Harmful in contact with skin  
R22 Harmful if swallowed  
R36 Irritating to eyes

---

#### 5. HAZARD INFORMATION (also see section 7)

Main hazard: Harmful  
Flammability: Not flammable  
Chemical hazard: Harmful  
Biological hazard: Not determined  
Reproductive hazard: Not determined  
Eye effects: Burning sensation  
Health effects  
Skin: Defatting of Skin will occur with mild to severe irritation  
Ingestion: Damage to tissue of digestive tract, nausea, vomiting,  
Inhalation: Overexposure does not normally occur in use.  
Carcinogenicity: Not suspected  
Mutagenicity: Not determined  
Neurotoxicity: Not determined

---

#### 6. FIRST AID MEASURES

General advice: Harmful  
Inhalation: Remove to fresh air  
Skin contact: Wash well with copious amounts of water  
Eye contact: Flush eyes with water for at least 15 minutes. Seek medical attention  
Ingestion: Do not induce vomiting, drink plenty of water and seek medical attention.

---

#### 7. TOXICOLOGICAL INFORMATION

Main hazard: Harmful  
Acute toxicity: Not determined  
Chronic toxicity: Not determined  
Carcinogenicity: Not determined  
Mutagenicity: Not determined  
Reproductive hazard: Not determined  
Skin and eye contact: Burning and irritation

---

## 8. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Gloves (pvc or rubber) glasses or face shields must be worn
Environmental precautions:	Do not allow to enter waterways
Small spill:	Flush to drain with plenty of water
Large spill:	Clean up and dispose of at an approved site

---

## 9. HANDLING AND STORAGE

Suitable material:	Polypropylene container
Storage/ Handling:	Avoid breathing in fumes when opening the container.

---

## 10. SPECIAL PROTECTION INFORMATION

Occupation exposure limits:	Not determined
Engineering control measures:	Standard measures
Personal protection – respiratory:	Not normally required
Personal protection – hand:	Neoprene or PVX gloves when handling solution
Personal protection – eye:	Wear chemical resistant goggles or face shield when spraying the product
Personal protection – Skin:	None required
Other protection:	Good through draft (ventilation)

---

## 11. REACTIVITY DATA

Stability:	Stable
Conditions to avoid:	None known
Incompatibility (measures to avoid):	Strong acid substances
Hazardous decomposition:	None known

---

## 12. ECOLOGICAL INFORMATION

Biodegradable:	Not determined
Aquatic toxicity – Fish:	Not determined
Aquatic toxicity – Daphnia:	Not determined
Aquatic toxicity – Algae:	Not determined
Bioaccumulation:	Not determined
Mobility:	Not determined

---

## 13. DISPOSAL CONSIDERATIONS

Disposal method:	May be flushed away with water to normal effluent plants
------------------	--

---

#### 14. TRANSPORT INFORMATION

UN no.	Not assigned
Substance identity no.:	Not assigned
ADR/RID hazard identity no.:	Not assigned
IMDG Shipping name:	Not assigned
IMDG Shipping Class:	Not assigned
IATA Shipping name:	Not assigned
IATA Shipping Class:	Not assigned
UK description:	Not assigned
UK classification:	Not assigned
Tremcard no.:	Not assigned

---

#### 15. REGULATORY INFORMATION

EEC hazard classification:	Not classified
Risk phases:	R 21/22/36
Safety phases:	S 36/37/39
National legislation:	None known

---

#### 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.

The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Information supplied by manufacturer's Technical Support Department

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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: Carbro Kleen-Tex  
Manufacturer: BMT Supplies  
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

Identification: Steam Cleaner Carbro "Kleentex" Label on white plastic tub.  
Appearance: White Powder  
Odour: Fragrant  
Solubility: Soluble in water  
Solubility in solvent: Insoluble  
pH: N/A  
Boiling point °C: N/A  
Freezing point: N/A  
Flash Point: N/A  
Flammability: N/A  
Auto Flammability: N/A  
Explosive properties: Nil  
Oxidizing properties: N/A  
Vapour pressure: N/A  
Neurotoxicity: Nil

---

### 3. FIRE HAZARD AND CONTROL

Flammability: Non-flammable  
Extinguishing media: N/A  
Special fire fighting procedures: N/A  
Unusual fire fighting hazards: N/A



---

#### 4. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components:	Nil
Chemical name:	N/A
Synonyms:	N/A
EEC Classification:	N/A
R Phrases:	36.37

---

#### 5. HAZARD INFORMATION

Main hazard	Irritant
Flammability:	Non-flammable
Chemical hazard	Nil
Biological hazard	No
Reproductive hazard	Not determined
Eye contact:	Minor Irritant
Skin contact	Irritant
Inhalation:	Minor Irritant

---

#### 6. FIRST AID MEASURES

General advice:	Irritant
Inhalation:	Remove to fresh air
Skin contact:	Wash with water
Eye contact:	Flush eyes with clear water for 15 minutes
Ingestion:	Do not induce vomiting, give milk to drink
Emergency antidote:	Treat symptomatically

---

#### 7. TOXICOLOGICAL INFORMATION

Acute toxicity:	Non toxic
Skin and eye contact:	Minor eye irritant

---

#### 8. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	N/A
Small spills:	Sweep up
Large spills:	Sweep up
Occupational exposure limits:	N/A
Engineering control measures:	N/A

---

#### 9. HANDLING AND STORAGE

Handling: Minor irritant  
Storage: Store below 25°C away from direct sunlight. Keep out of reach of children.

---

## 10. SPECIAL PROTECTION INFORMATION

Personal protection – respiratory: N/A  
  hands: N/A  
  skin: N/A  
  eyes: N/A  
Other protection: N/A

## 11. REACTIVITY DATA

Stability: 2 year shelf life from date of manufacture  
Incompatibility (measures to avoid): N/A  
Hazardous decomposition: N/A

---

## 12. ECOLOGICAL INFORMATION

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

---

## 13. DISPOSAL CONSIDERATIONS

Disposal method: No special method. Observe all applicable Local/Municipal ordinances regarding disposal of non-hazardous materials.

---

## 14. TRANSPORT INFORMATION

UN no: N/A  
Substance identity no: N/A  
ADR/RID: N/A  
ADR/RID hazard identity no: N/A  
IMDG shipping name: N/A  
IMDG class: N/A  
IMDG packaging group: N/A  
IMDG marine pollutant: N/A  
IMDG EMS no: N/A  
IMDG MFAG table no: N/A  
IATA shipping name: N/A  
IATA class: N/A  
IATA subsidiary risk: N/A  
ADNR class: N/A  
Uk description: N/A

UK emergency action class: N/A  
UK classification N/A  
Tremcard no: N/A

---

## 15. REGULATORY INFORMATION

### WHMIS CLASSIFICATION

Non-regulated. All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory. All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

This product is not subject to the reporting requirements under California's Proposition 65.

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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.

The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Information supplied by manufacturer's Technical Support Department. Refer to page 1 (Manufacturer) for contact information.

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