

GEMCUTS PTY LTD

Date of Issue 22-06-2020

**SAFETY DATA SHEET
GEM SPARKLE DRY POWDER PART A**

IMPORTANT NOTICE: This Safety Data Sheet (SDS) is issued by Gemcuts Pty Ltd in accordance with National Occupational Health and Safety Commission guidelines. The information contained in this document must not be added to, deleted or altered. Gemcuts Pty Ltd will issue a new SDS when there is a change in the product specifications and/or with the National Occupational Health and Safety Commission guidelines/ regulations. Gemcuts Pty Ltd will not accept any responsibility for any changes made to its SDS in content by any other person or organisation.

CLASSIFICATION OF MATERIAL

This Material is Not Hazardous or Dangerous according to Safe Work Australia

1. IDENTIFICATION OF THE MATERIAL & SUPPLIER

Product	Dry Pack Part (A) Powder Crystals
Recommended Use	Metal Cleaning
Supplier/Importer	Gemcuts Pty Ltd
ABN	43 780 687 841
Manufacturer	Speed Brite Inc
Address	36A Smith Drive, West Ballina NSW 2478
Telephone Number	02 66811686
Facsimile	N/A
Email	admin@gemcuts.com.au
Emergency Telephone	131126 Poisons Information Centre 0427012014

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2. HAZARDS IDENTIFICATION

Signal Word: Warning

2.1 Hazards Classification:

Acute Toxicity, Oral-Category 4

Skin Corrosion/Irritation, Category 2

Eye Irritation, Category 2A

2.2 Hazard Category:

Non Dangerous, Non Hazardous

2.3 Hazard Phrase(s):

H315: Causes Skin Irritation

H319: Causes Serious Eye Irritation

2.4 Precautionary Phrase(s):

P264: Wash hands thoroughly after handling.

P280: Wear protective clothing/eye protection

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P337 + P313: IF EYE IRRITATION PERSISTS: Get medical attention.

P314: Get medical advice/attention if you feel unwell.

Emergency Overview: Always seek medical attention if unwell or irritated by the use of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Product Description: White crystals with a mild odour that act like a detergent for metals.

3.2 Contents

Chemical Name	CAS Number	Proportion %
Non-Hazardous components are Proprietary		100

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4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre,

Phone (Australia) 131 126

Inhalation: P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P342 + P311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor.

Skin Contact: P303 + P361+ P353: IF ON SKIN (OR HAIR): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

Eye Contact: P305 + P351 + P338: IF IN EYES: Rinse continuously with water for several (15) minutes. Remove contact lens if present and easy to do. Continue rinsing. P337 + P313: IF EYE IRRITATION PERSISTS: Get medical attention.

Ingestion: P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P311: Call a POISON CENTER or doctor.

Seek immediate medical assistance if symptoms persist or in the case of over exposure.

Notes to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Special Hazard: No fire or explosive hazards. If containers are in a fire or if heated by fire, a pressure increase will occur in a closed container and bursting may occur.

5.2 Suitable Extinguishing Media: Water, CO₂, Dry Chemical or Foam

5.3 Fire Fighting Advice: Use water spray to cool fire exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Emergency Action:

Wear appropriate PPE. Avoid contact and do not breathe in dust/fumes.

Avoid release to the environment. Limit leakage with binder (sand, earth or vermiculite). Do not discharge into drains/surface water/groundwater. Dispose of absorbed material in accordance with local, state and federal regulations.

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7. HANDLING & STORAGE

7.1 Handling Advice: Do not get into eyes, on skin or on clothing. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

7.2 Storage Advice: Store in cool and dry condition in a closed container. Keep away from incompatible materials (See 10). Shelf life 2yrs

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Occupational Exposure Limits:

Not Available. Ensure levels of dust are below the national standard of 10mg/m³

8.2 Engineering Control Measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Eye wash station.

8.3 Personal Protective Equipment:

CHEMICAL GLOVES, CHEMICAL GOGGLES, AIR RESPIRATOR (AS/NZS 1715 and AS/NZS 1716)

Complete personal protection from exposure of both contact and inhalation should be taken especially in prolonged contact.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Solid
Colour:	White
Odour:	Mild
Solubility:	Soluble
Size	Approx. 95x120mm or 120x200mm
Weight	40 – 70g
Density	1.15
Melting Point (°C):	71°C
Flash Point (°C)	Unknown
Boiling Point (°C)	NA

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10. STABILITY & REACTIVITY

Chemical Stability: Stable under normal conditions, use and storage.

Conditions to Avoid: Excessive heat above 93°C

Hazardous Reactions: Will not occur.

Incompatible Materials: Oxidising Agents.

Hazardous decomposition products: CO, CO₂, sulphur oxides, metal oxides.

11. TOXICOLOGY INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Routes of Exposure: Eye contact, skin contact, ingestion, inhalation (mist, vapours).

Eye Contact: Causes serious eye irritation

Skin Contact: Causes skin irritation

Ingestion: Harmful if swallowed

Inhalation: No adverse effects are expected

Skin Sensitization: No Data

Acute toxicity

Test	Test Type	Species	Results	Comments
Oral Toxicity	LD50	Rat	>1,800 mg/kg	
Dermal Toxicity	LD50	Rat	>2,000 mg	
Inhalation Toxicity	ND			
Eye Irritation				Causes serious eye irritation

Chronic Toxicity

Mutagenicity: No Data

Carcinogenicity: No Data

Reproductive toxicity (including via lactation): No Data

Specific target organ toxicity (repeat exposure): No Data

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12. ECOLOGICAL INFORMATION

Ecotoxicity/Effects:

Test	Test Type	Species	Results
Acute Toxicity to Fish	LC50	Fathead minnow	29 mg/l, 96 hrs
Acute Toxicity to Aquatic Invertebrates	EC50	Algae	>120 mg/l, 72 hrs
Acute Toxicity to Aquatic Plants	ND		
Chronic toxicity to Fish	NOEC	Fish	>1.357 mg/l, 42 days

Persistence/Degradability: Readily biodegradable

Bioaccumulation Potential: Not expected to bio-accumulate in environment

Mobility in Soil: ND

Other Adverse Effects: No other adverse environmental effects are expected

13 DISPOSAL CONSIDERATIONS

Commonwealth, State and Local laws governing disposal of material can differ. Ensure proper disposal compliance with the proper authority before disposal.

14. TRANSPORT INFORMATION

Road and Rail:

Not regulated

Marine:

Not regulated

Air:

Not regulated

15. REGULATORY INFORMATION

Work Health and Safety Regulation 2017

Safe Work Australia HCIS

IMDG

NTC

ADG

SAFTEY DATA SHEET**16. OTHER INFORMATION**

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Gemcuts Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Gemcuts Pty Ltd at the contact details on page 1.

Gemcuts Pty Ltd responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

GEMCUTS PTY LTD

Date of Issue 23-06-2020

**SAFETY DATA SHEET
GEM SPARKLE DRY POWDER PART B**

IMPORTANT NOTICE: This Safety Data Sheet (SDS) is issued by Gemcuts Pty Ltd in accordance with National Occupational Health and Safety Commission guidelines. The information contained in this document must not be added to, deleted or altered. Gemcuts Pty Ltd will issue a new SDS when there is a change in the product specifications and/or with the National Occupational Health and Safety Commission guidelines/ regulations. Gemcuts Pty Ltd will not accept any responsibility for any changes made to its SDS in content by any other person or organisation.

CLASSIFICATION OF MATERIAL

This Material is Hazardous according to Safe Work Australia

1. IDENTIFICATION OF THE MATERIAL & SUPPLIER

Product	Dry Pack Part (B) Cleansing Agent Surfactant
Recommended Use	Cleaner/Dye Solubilizer
Supplier/Importer	Gemcuts Pty Ltd
ABN	43 780 687 841
Manufacturer	Speed Brite Inc
Address	36A Smith Drive, West Ballina NSW 2478
Telephone Number	02 66811686
Facsimile	N/A
Email	admin@gemcuts.com.au
Emergency Telephone	131126 Poisons Information Centre 0427012014

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2. HAZARDS IDENTIFICATION

Signal Word: Warning

2.1 Hazards Classification:

Acute Toxicity, Oral: Category 4

Skin Corrosion/Irritation: Category 2

Eye Damage/Irritation: Category 2A

2.2 Hazard Category:

Non-Dangerous, Hazardous substance

2.3 Hazard Phrase(s):

H302: Harmful if swallowed

H313: May be harmful in contact with skin

H320: Causes eye irritation

2.4 Precautionary Phrase(s):

P264: Wash hands thoroughly after handling.

P273: Avoid release to the environment

P280: Wear protective gloves/protective clothing/eye protection

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P305 + P338 + P351 + P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing. Immediately call a poison centre/doctor.

P332 +P313: If skin irritation occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P361: Collect spillage

P501: Dispose of contents/container to an approved waste disposal plant.

Emergency Overview: Always seek medical attention if unwell or irritated by the use of this product.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.3 Product Description: Clear Liquid, Glycolic smell.

3.4 Contents

Chemical Name	CAS Number	Proportion %
Glycol Ether Broad Class		100

4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre,

Phone (Australia) 131 126

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get Medical advice/attention if you feel unwell. Only induce vomiting at the instruction of a physician.

Skin Contact: Get medical advice/attention if skin irritation occurs. Wash with plenty of soap and water. Flush with a continuous flow of lukewarm water for 20 minutes or until material is removed. Remove contaminated clothing and shoes without delay. Do not reuse contaminated clothing without laundering. Destroy or thoroughly clean shoes before reuse.

Eye Contact: Rinse continuously with water for several (15) minutes. Remove contact lens if present and easy to do. Continue rinsing. Get medical attention immediately.

Ingestion: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell. Give 3-4 glasses of water, but DO NOT induce vomiting. If vomiting occurs, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. Do not give anything by mouth to an unconscious or convulsing person.

Notes to Doctor: Treat symptomatically. Symptoms can be acute and delayed.

5. FIRE FIGHTING MEASURES

5.4 Special Hazard: No unusual fire and explosion hazards noted.

5.5 Suitable Extinguishing Media: Water spray, carbon dioxide or dry chemical

5.6 Fire Fighting Advice: Do not use solid water jet as it may scatter and spread the fire. Move containers from fire area if you can do so without risk. Full protective clothing, including self-contained breathing apparatus, coat, pants, gloves, boots and bands around legs, arms and waist, should be worn.

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6. ACCIDENTAL RELEASE MEASURES

Emergency Action: Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment. Limit leakage with binder (sand, earth or vermiculite). Do not discharge into drains/surface water/groundwater. Use appropriate absorbent (sand, earth or vermiculite, etc.). Dispose material in accordance with local, state and federal regulations. Product may cause a slip hazard. Clean surface thoroughly to remove residual contamination.

7. HANDLING & STORAGE

7.3 Handling Advice: Do not get into eyes, on skin or on clothing. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

7.4 Storage Advice: Store in a closed container. Store away from other materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.4 Occupational Exposure Limits:

1-Methoxy-2-Propanol 108-65-6 TWA 274mg/m³ STEL 548mg/m³ (guide only)

8.5 Engineering Control Measures: Eye wash station. Local and mechanical exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.

8.6 Personal Protective Equipment:

CHEMICAL RESISTANT GLOVES, CHEMICAL GOGGLES OR FACE SHIELD, APRON OR OVERALLS, ENCLOSED BOOTS, AIR RESPIRATOR

SAFETY DATA SHEET**9. PHYSICAL & CHEMICAL PROPERTIES**

Physical State:	Liquid
Colour:	Clear
Odour:	Glycolic
Solubility:	Soluble
Size	Approx. 95x120mm or 120x200mm
Weight	40 – 70g
Density	1.2
Melting Point (°C):	-84°C
Flash Pot (°C)	>200°C
Boiling Point (°C)	94°C

10. STABILITY & REACTIVITY

Chemical Stability: Stable under normal conditions, use and storage.

Hazardous Reactions: Will not occur under normal conditions

Incompatible Materials: Incompatible with strong oxidants and strong bases

Decomposition Products: CO, CO₂, sulphur oxides and metal oxides

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11. TOXICOLOGY INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Data;

Routes of Exposure: Eye contact, skin contact, ingestion, inhalation (mist, vapours).

Eye Contact: Rabbit: Causes eye irritation

Skin Contact: Causes slight skin irritation.

Ingestion: Expected to be a low ingestion hazard

Inhalation: May be irritating above 1,000 ppm

Skin Sensitization: Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Permanent eye damage including blindness could result.

Test	Test Type	Species	Results	Comment
Oral Toxicity	LD50	Rat	5130	
Dermal Toxicity	LD50	Rabbit	>13000	
Inhalation Toxicity	LC50	Rat	>500ppm	No mortality
Eye Irritation		Rabbit		Risk of serious eye damage

Chronic Data:

Carcinogenicity: No Data

Mutagenicity: No Data

Reproductive Effects: No Data

Target Organ Effects: No Data

12. ECOLOGICAL INFORMATION

Test	Test Type	Species	Results	Comment
Acute Toxicity to Fish	LC50	Pimephales promel	10,000 mg/l (96 h)	
Acute Toxicity to Aquatic Invertebrates	EC50	Daphnia magna	1,920 mg/l (48 hrs)	
Acute Toxicity to Aquatic Plants			No Data	
Chronic toxicity to Fish			No Data	

Environmental Fate:

Persistence/Degradability: Product is readily biodegradable

COD/BOD5: 93% in 13 days in activated sludge

Bioaccumulation Potential: Product highly water soluble and not a bio accumulator in aquatic or terrestrial organisms

Mobility in Soil: Water soluble, moves readily in soil and water

Other Adverse Effects: Not known

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13 DISPOSAL CONSIDERATIONS

Commonwealth, State and Local laws governing disposal of material can differ. Ensure proper disposal compliance with the proper authority before disposal.

14. TRANSPORT INFORMATION

Road and Rail: ADG

Not regulated

Marine: IMDG

Not regulated

Air: IATA

Not regulated

15. REGULATORY INFORMATION

Work Health and Safety Regulation 2017

Safe Work Australia HCIS

IMDG

NTC

ADG

16. OTHER INFORMATION

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