Coversheet for Overseas SDS

PLEASE ATTACH THIS COMPLETED SHEET TO THE SDS FOR:

PRODUCT:	DAZZ Bathroom Cleaner	
SDS DATE:	17 August 2021	
<u>Supplier:</u>	Dazz NZ Limited 3/11 Ashley Place Papamoa, New Zealand 3118 022 646 5561 sales@dazz.co.nz www.dazz.co.nz	
Emergency Contacts:	National Poison Centre: Emergency Services (Fire, Ambulance, Police):	0800 764 766(0800 POISON) Dial 111

Hazard Identification & Regulatory Requirements:

Product Name:	DAZZ Bathroom Cleaner
HNSO Approval Number / HSNO Group Standard:	Cleaning Products (Subsidiary Hazard) Group Standard 2020 - HSR002530
GHS7 Hazard Classifications:	skin irritation Category 2 skin sensitisation Category 1 serious eye damage Category 1 specific target organ toxicity—single exposure Category 3 hazardous to the aquatic environment chronic Category 3
Hazard Precautions and Statements including Class 9 statements where applicable:	DANGER Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation. Harmful to aquatic life with long lasting effects. Wash hands and any exposed skin thoroughly after handling. Avoid breathing dust. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves, clothing and eye / face protection.



Safety Data Sheet According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations Date of Issue: 08/17/2021

Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier 1.1. Product Form: Mixture Product Name: DAZZ Bathroom Cleaner 1.2. **Intended Use of the Product** Use of the Substance/Mixture: Bathroom surface cleaner Name, Address, and Telephone of the Responsible Party 1.3. Company SunState Laboratories

6901 W 117th Ave STE 14 Broomfield, CO 80021 720-524-8477 dazzcleaner.com

Emergency Number

1.4. **Emergency Telephone Number**

: 720-524-8477

SECTION 2: HAZARDS IDENTIFICATION

SECTION 2. HAZARDS IDENTIFICATION	
2.1. Classification of the Substance or Mixture	
Skin Irrit. 2 H315	
Eye Dam. 1 H318	
Skin Sens. 1 H317	
STOT SE 3 H335	
Aquatic Acute 2 H401	
Aquatic Chronic 3 H412	
Comb. Dust	
Full text of hazard classes and H-statements : see section 16	
2.2. Label Elements	
GHS-US Labeling	
Hazard Pictograms (GHS-US) : 🔨 🔨	
GH505 GH507	
Signal Word (GHS-US) : Danger	
Hazard Statements (GHS-US) : May form combustible dust concentrations in air. H315 - Causes skin irritation.	
H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage.	
H335 - May cause respiratory irritation.	
H401 - Toxic to aquatic life. H412 - Harmful to aquatic life with long lasting effects.	
Precautionary Statements (GHS-US) : P261 - Avoid breathing dust.	
P264 - Wash hands, forearms, and other exposed areas thoroughly after hand	ing
P271 - Use only outdoors or in a well-ventilated area.	ing.
P271 - Ose only outdoors of the weil-ventilated area. P272 - Contaminated work clothing must not be allowed out of the workplace	
P272 - Containinated work clothing must not be allowed out of the workplace	
P273 - Avoid release to the environment. P280 - Wear protective gloves, protective clothing, and eye protection.	
P302+P352 - If on skin: Wash with plenty of water.	
P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a positi	h

Vash with plenty of water. P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a poison center or doctor.

P321 - Specific treatment (see section 4 on this SDS).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

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

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

	P405 - Store locked up. P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.
Supplemental Information	 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Proper grounding procedures to avoid static electricity should be followed. Prevent dust accumulation (to minimize explosion hazard). Avoid generating dust.
2.2 Other Hazards	

Other Hazards 2.3.

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. **Unknown Acute Toxicity (GHS-US)**

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms	Product Identifier	%	GHS US classification
Sodium bicarbonate	Baking soda	(CAS-No.) 144-55-8	10 - 30	Not classified
Citric acid	2-Hydroxypropane-1,2,3-tricarboxylic acid	(CAS-No.) 77-92-9	10 - 30	Eye Irrit. 2A, H319 Comb. Dust
Sodium lauryl sulfate (Surfactant)	Dodecyl sodium sulfate	(CAS-No.) 151-21-3	10 - 30	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 2, H401 Aquatic Chronic 3, H412 Comb. Dust
Disodium carbonate	Soda ash	(CAS-No.) 497-19-8	10 - 30	Eye Irrit. 2A, H319
Oils, orange, sweet	Oils, orange, sweet (Extractives and their physically modified derivatives. Citrus aurantium, dulces, Citrus.)	(CAS-No.) 8008-57-9	< 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-phrases: see section 16

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200]. **SECTION 4: FIRST AID MEASURES**

4.1. **Description of First-aid Measures**

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: Using proper respiratory protection, move the exposed person to fresh air at once. Encourage exposed person to cough, spit out, and blow nose to remove dust. Immediately call a poison center, physician, or emergency medical service.

First-aid Measures After Skin Contact: Remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.

First-aid Measures After Eye Contact: Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

Most Important Symptoms and Effects Both Acute and Delayed 4.2.

Symptoms/Injuries: May cause respiratory irritation. Skin sensitization. Causes skin irritation. Causes serious eye damage. Symptoms/Injuries After Inhalation: Irritation of the respiratory tract and the other mucous membranes. Dust may be harmful or cause irritation.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause an allergic skin reaction.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical. Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Combustible Dust.

Explosion Hazard: Dust explosion hazard in air.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. **Hazardous Combustion Products:** Carbon oxides (CO, CO₂). Sulfur oxides.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses. Risk of dust explosion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid generating dust. Remove ignition sources. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. Avoid generation of dust during clean-up of spills.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Contact competent authorities after a spill. Use explosion proof vacuum during cleanup, with appropriate filter. Do not mix with other materials. Vacuum clean-up is

preferred. If sweeping is required use a dust suppressant. Use only non-sparking tools.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.

Precautions for Safe Handling: Avoid creating or spreading dust. Avoid breathing dust. Do not get in eyes, on skin, or on clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Keep away from heat, sparks, open flames, and hot surfaces. No smoking.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations. Avoid creating or spreading dust. Use explosion-proof electrical, ventilating, lighting equipment. Proper grounding procedures to avoid static electricity should be followed.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area.

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Bathroom surface cleaner

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL)

8.2. Exposure Controls

Appropriate Engineering Controls

- : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Use local exhaust or general dilution ventilation or other suppression methods to maintain dust levels below exposure limits. Power equipment should be equipped with proper dust collection devices. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment.
- **Personal Protective Equipment**
- Materials for Protective Clothing Hand Protection Eye and Face Protection Skin and Body Protection Respiratory Protection

Other Information

: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



- : Chemically resistant materials and fabrics.
- : Wear protective gloves.
- : Chemical safety goggles.
- : Wear suitable protective clothing.
- : If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
- : When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Ch	hemical Properties	
Physical State	: Solid	
Appearance	: Tablet – light orange colored	
Odor	: Orange	
Odor Threshold	: No data available	
рН	: No data available	
Evaporation Rate	: No data available	
Melting Point	: No data available	
Freezing Point	: No data available	
Boiling Point	: No data available	
Flash Point	: No data available	
Auto-ignition Temperature	: No data available	
Decomposition Temperature	: No data available	
Flammability (solid, gas)	: No data available	
Vapor Pressure	: No data available	
Relative Vapor Density at 20°C	: No data available	
Relative Density	: No data available	
Solubility	: Water: Soluble	
Partition Coefficient: N-Octanol/Water	: No data available	

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Viscosity

: No data available

9.2. Other Information No additional information available SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4. Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition. Dust accumulation (to minimize explosion hazard).

10.5. Incompatible Materials: Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products: Thermal decomposition may produce: Carbon oxides (CO, CO₂). Sulfur oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

Citric acid (77-92-9)	
LD50 Oral Rat	5400 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
Sodium bicarbonate (144-55-8)	
LD50 Oral Rat	4220 mg/kg
Sodium lauryl sulfate (151-21-3)	
LD50 Oral Rat	1288 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
LC50 Inhalation Rat	> 3900 mg/m ³ (Exposure time: 1 h)
Disodium carbonate (497-19-8)	
LD50 Oral Rat	2800 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg (No deaths)
LC50 Inhalation Rat	2300 mg/m ³ (Exposure time: 2 h)
Oils, orange, sweet (8008-57-9)	
LD50 Oral Rat	4400 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye damage.

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): May cause respiratory irritation.

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Irritation of the respiratory tract and the other mucous membranes. Dust may be harmful or cause irritation.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause an allergic skin reaction.

SECTION 12: ECOLOGICAL INFORMATION 12.1. Toxicity Ecology - General : Toxic to aquatic life. Harmful to aquatic life with long lasting effects. Citric acid (77-92-9) LC50 Fish 1 1516 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus) Sodium bicarbonate (144-55-8)

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

According to Federal Register / Vol. 77, No. 58 / Monday, Marc		
LC50 Fish 1	8250 – 9000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])	
EC50 - Crustacea [1]	2350 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
Sodium lauryl sulfate (151-21-3)		
LC50 Fish 1	8 (8 – 12.5) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
EC50 - Crustacea [1]	1.8 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
LC50 Fish 2	15 (15 – 18.9) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
NOEC Chronic Crustacea	0.88 mg/l	
Disodium carbonate (497-19-8)		
LC50 Fish 1	300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])	
EC50 - Crustacea [1]	265 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
LC50 Fish 2	310 – 1220 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
12.2. Persistence and Degradability	1	
DAZZ Bathroom Cleaner		
Persistence and Degradability	May cause long-term adverse effects in the environment.	
Citric acid (77-92-9)		
Persistence and Degradability	Readily biodegradable in water.	
12.3. Bioaccumulative Potential		
DAZZ Bathroom Cleaner		
Bioaccumulative Potential	Not established.	
Citric acid (77-92-9)		
Partition coefficient n-octanol/water (Log	-1.72 (at 20 °C)	
Pow)		
Sodium lauryl sulfate (151-21-3)		
BCF Fish 1	(will not bioconcentrate)	
Partition coefficient n-octanol/water (Log	; 1.6	
Pow)		
Disodium carbonate (497-19-8)		
BCF Fish 1	(no bioaccumulation)	
12.4 Mobility in Soil No additional in		

12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects

Other Information

: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology - Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

- 14.1. In Accordance with DOT Not regulated for transport
- 14.2. In Accordance with IMDG Not regulated for transport
- **14.3.** In Accordance with IATA Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

DAZZ Bathroom Cleaner	
SARA Section 311/312 Hazard Classes	Health hazard - Specific target organ toxicity (single or repeated exposure)
	Health hazard - Respiratory or skin sensitization
	Health hazard - Skin corrosion or Irritation
	Health hazard - Serious eye damage or eye irritation
	Physical hazard - Combustible dust

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Citric acid (77-92-9) Listed on the United States TSCA (Toxic Substances Control Act) inventory Sodium bicarbonate (144-55-8) Listed on the United States TSCA (Toxic Substances Control Act) inventory Sodium lauryl sulfate (151-21-3) Listed on the United States TSCA (Toxic Substances Control Act) inventory Disodium carbonate (497-19-8) Listed on the United States TSCA (Toxic Substances Control Act) inventory

Oils, orange, sweet (8008-57-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. US State Regulations Neither this product nor its chemical components appear on any US state lists, or its chemical components are not required to be disclosed

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision	: 08/17/2021
Other Information	: This document has been prepared in accordance with the SDS
	requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
	The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

GHS Full Text Phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Comb. Dust	Combustible Dust
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Flam. Sol. 2	Flammable solids Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3,
	Respiratory tract irritation
H226	Flammable liquid and vapor
H228	Flammable solid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Safety Data Sheet According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SDS US (GHS HazCom)