



**MATERIAL SAFETY DATA SHEET**  
**“GO CLEAN GO GREEN” BATHROOM CLEANER - GRAPEFRUIT**

**SECTION 1 – PRODUCT IDENTIFICATION**

**Product Name:** “GO CLEAN GO GREEN” BATHROOM CLEANER - GRAPEFRUIT  
**Use:** Acidic cleaning solution.

**Distributor:** Rubbedin Pty Ltd  
**Emergency Phone No:** 0405358685  
**Regular Phone No:** (07) 3245 3255  
**Fax:** (07) 3245 2554  
**Email:** rubbedin@rubbedin.com.au  
**Address:** Unit 1/43 Neumann Road  
 Capalaba QLD 4157

**SECTION 2 – HAZARDS IDENTIFICATION**

- This product is **NOT classified as HAZARDOUS** according to criteria of the National Occupational Health and Safety Commission Australia.
- This product is **NOT classified as Dangerous Goods** according to the Australian Dangerous Goods (ADG) Code.
- This product is **NOT classified as a Scheduled Poison** according to the SUSDP.

**Approved Worksafe**

<b>Criteria Classification</b>	None allocated	<b>ADG Classification</b>	none allocated
<b>UN Number</b>	none allocated	<b>ADG Subsidiary Risk</b>	none allocated
<b>Shipping Name</b>	none allocated	<b>Packing Group</b>	none allocated
<b>Hazchem Code</b>	none allocated		
<b>SUSDP Classification</b>	none allocated		

**EMERGENCY OVERVIEW**

<b>Colour</b>	pink	<b>Odour</b>	fragrant
<b>Physical Description</b>	Liquid	<b>Viscosity</b>	Non-viscous liquid
<b>Major Health Hazards</b>	None known		

**SECTION 3 – INGREDIENTS**

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication “List of Designated Hazardous Substances” or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication “Approved Criteria for Classifying Hazardous Substances”.

<b>Ingredients:</b>	<b>CAS Number:</b>	<b>Proportion:</b>	<b>Exposure Standards TWA</b>	<b>Exposure Standards STEL</b>
Ethanol	64-17-5	< 10% w/w	1000ppm 1880 mg/m <sup>3</sup>	not set
Glycolic acid	79-14-1	< 10% w/w	not set	not set
Citric acid	77-92-9	< 10 % w/w	1 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
Ingredients determined to be non-hazardous	Various	< 10% w/w	not set	not set
Water	7732-18-5	> 60% w/w	not set	not set

The **TWA** exposure value is the Time Weighted Average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The **STEL** (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term “peak” is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

**SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES**



## MATERIAL SAFETY DATA SHEET

### “GO CLEAN GO GREEN” BATHROOM CLEANER - GRAPEFRUIT

<b>Scheduled Poisons</b>	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 03 474 7000).
<b>First Aid Facilities</b>	Normal washroom facilities.
<b>Skin contact</b>	Wash skin with plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness develops.
<b>Eye contact</b>	Immediately irrigate with water for at least 20 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist) if any irritation persists.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
<b>Inhalation</b>	Remove victim to fresh air away from exposure - avoid becoming a casualty. Seek medical advice (e.g. doctor) if symptoms persist.
<b>Advice to Doctor</b>	Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient.
<b>Aggravated Medical Conditions</b>	None known.

#### SECTION 5 – FIRE FIGHTING MEASURES

<b>Fire and Explosion Hazards</b>	Water based. Not combustible. However if involved in a fire will emit toxic fumes.
<b>Extinguishing Media</b>	Use an extinguishing media suitable for surrounding fires.
<b>Fire Fighting</b>	Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition. Evacuate area - move upwind of fire.
<b>Flash Point</b>	not flammable.

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	No HAZCHEM code.
<b>Occupational Release</b>	Minor spills do not normally need any special clean-up measures. In the event of a major spill, prevent spillage from entering drains or water courses. For large spills, or tank rupture, consider initial evacuation distance of 200 metres in all directions. Stop leak if safe to do so. If available, use water spray to disperse vapour. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions. Residual deposits will remain slippery. Wash area down with excess water. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.

#### SECTION 7 – HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.
<b>Storage</b>	Store in a cool, dry, place with good ventilation. Avoid storing in aluminium and light alloy containers. Store away from incompatible materials (Section 10). Keep containers closed at all times – check regularly for leaks.

#### SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION



## MATERIAL SAFETY DATA SHEET

### “GO CLEAN GO GREEN” BATHROOM CLEANER - GRAPEFRUIT

#### Exposure Limits

National Occupational Exposure Limits, as published by National Occupational Health & Safety Commission:

**Time-weighted Average (TWA):** None established for specific product.

See **SECTION 3** for Exposure Limits of individual ingredients.

**Short Term Exposure Limit (STEL):** None established for specific product.

See **SECTION 3** for Exposure Limits of individual ingredients.

#### Biological Limit Value

None established for product.

#### Engineering Controls

No special requirements.

#### Personal Protective Equipment

This product is not classified as hazardous according to the criteria of Worksafe Australia. Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;

#### Eye Protection



Eye protection is recommended.

The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard ; soft lenses may absorb irritants and all lenses concentrate them.

#### Skin Protection



Gloves are recommended for typical cleaning operations.

Overalls, work boots and elbow length gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc.

#### Protective Material Types

Material suitable for detergent contact – Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile.

#### Respirator

Not required for normal cleaning operations.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	liquid	<b>Colour</b>	pink
<b>Odour</b>	fragrant	<b>Specific Gravity</b>	1.0 – 1.02 @ 25 °C
<b>Boiling Point</b>	Approximately 100 °C	<b>Freezing Point</b>	Approximately 0 °C
<b>Vapour Pressure</b>	Not available	<b>Vapour Density</b>	Not available
<b>Flash Point</b>	Not flammable	<b>Flammable Limits</b>	None
<b>Water Solubility</b>	Miscible in all proportions	<b>pH</b>	2.0 neat
<b>Volatile Organic Compounds (VOC)</b>	0 % v/v	<b>Coefficient of Water/Oil Distribution</b>	Not available
<b>Viscosity</b>	Not available	<b>Odour Threshold</b>	Not available
<b>Evaporation Rate</b>	Not available	<b>Per Cent Volatile</b>	Ca 85 % v/v

### SECTION 10 – STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable at normal temperatures and pressure.
<b>Conditions to Avoid</b>	Oxidising agents, extremes in temperature.
<b>Incompatible Materials</b>	Oxidising agents.
<b>Hazardous Decomposition</b>	Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours.
<b>Hazardous Reactions</b>	None known.

### SECTION 11 – TOXICOLOGICAL INFORMATION

#### PRODUCT MIXTURE INFORMATION



## MATERIAL SAFETY DATA SHEET

### “GO CLEAN GO GREEN” BATHROOM CLEANER - GRAPEFRUIT

<b>Local Effects</b>	Mild irritant: eye, skin, inhalation and ingestion.
<b>Target Organs</b>	Eyes, mucous membranes, skin.
<b>POTENTIAL HEALTH EFFECTS</b>	
No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:	
<b>Ingestion</b>	
<b>short term exposure</b>	Harmful if swallowed. Ingestion of this product may cause nausea, vomiting, abdominal pain and irritation to the mouth, throat and stomach.
<b>long term exposure</b>	No information available.
<b>Skin contact</b>	
<b>short term exposure</b>	Concentrated product may cause skin irritation. Prolonged contact with concentrated solutions may be irritating. Properly diluted wash solutions not expected to be irritating.
<b>long term exposure</b>	Prolonged and repeated skin contact with undiluted solutions may induce eczematoid dermatitis.
<b>Eye contact</b>	
<b>short term exposure</b>	Eye contact may cause stinging, blurring, tearing, pain.
<b>long term exposure</b>	No information available.
<b>Inhalation</b>	
<b>short term exposure</b>	Exposure to generated mists of this product may cause slight nose and throat irritation.
<b>long term exposure</b>	No information available.
<b>Carcinogen Status</b>	
<b>NOHSC</b>	No significant ingredient is classified as carcinogenic by NOHSC.
<b>NTP</b>	No significant ingredient is classified as carcinogenic by NTP.
<b>IARC</b>	No significant ingredient is classified as carcinogenic by IARC.
<b>Medical conditions aggravated by exposure</b>	No information available.

#### CLASSIFICATION OF INDIVIDUAL INGREDIENTS

**NOTE :** This information relates to each individual ingredient, when evaluated as pure undiluted chemical. See SECTION 3 for actual proportions of ingredients present in this product.

<b>Ingredients</b>	<b>R-Phrases.</b>
Citric acid	R36/38
Glycolic acid	R34, 37, 20/22, 41
Ethanol	R11

#### ETHANOL 100%

<b>Irritation Data</b>	Moderately irritating to skin – may cause redness. Moderately irritating to eyes – may injure tissue. Moderately irritating to respiratory system and mucous membranes.
<b>Toxicity Data</b>	Excessive chronic absorption may result in liver damage. LD50 oral (rat) : 2080 mg/kg
<b>Local Effects</b>	Absorbed into the body by inhalation and ingestion. Irritant of sensitive tissues, eg eyes and mucous membranes. Central nervous system depression.
<b>Target Organs</b>	Eyes, mucous membranes, liver, central nervous system.
<b>Acute Toxicity Level</b>	Mild toxicity. narcotic properties: ingestion.
<b>Mutagenic Data</b>	No known effects.
<b>Reproductive Effects</b>	No known effects.

#### Citric acid 100%



## MATERIAL SAFETY DATA SHEET

### “GO CLEAN GO GREEN” BATHROOM CLEANER - GRAPEFRUIT

<b>Irritation Data</b>	Irritation based on 100% Citric acid (dry) Moderate irritant, 500 mg/24 hr, to skin (rabbit) Severe irritant, 750 micrograms/24 hrs, to eyes (rabbit)
<b>Toxicity Data</b>	Animal toxicology based on 100% Citric acid (dry) Oral LD50 11.7 g/kg (rat)
<b>Local Effects</b>	Corrosive and harmful: inhalation, skin, eye, ingestion
<b>Chronic Toxicity</b>	No available information.
<b>Target Organs</b>	Skin, mucous membranes, eyes.
<b>Acute Toxicity</b>	Low toxicity
<b>Reproductive Effects</b>	No available information.
<b>Mutagenic Data</b>	No available information.
<b>Carcinogenic Data</b>	Citric acid is not listed by NTP, IARC, OSHA, EPA or any other authority as a carcinogen. NTP: National Toxicology Program. IARC: International Agency for Research On Cancer. OSHA: Occupational Safety and Health Administration.

#### Glycolic acid 100%

<b>Irritation Data</b>	Skin Irritation: Severe skin irritation. Acute dermal corrosion (rabbit) Eye Irritation: Causes burns (rabbit).
<b>Toxicity Data</b>	Oral LD50 Rat: 1938mg/Kg Oral LD50 Rat: 1938mg/Kg (Glycolic acid) Inhale LC50 4hr: >5.2mg/L (Female Rat) Inhale LC50 4hr: >5.2mg/L (Female Rat) (Glycolic acid).
<b>Local Effects</b>	Corrosive and harmful: inhalation, skin, eye, ingestion
<b>Chronic Toxicity</b>	No available information.
<b>Target Organs</b>	Skin, mucous membranes, eyes.
<b>Acute Toxicity</b>	Low toxicity
<b>Reproductive Effects</b>	No available information.
<b>Mutagenic Data</b>	No available information.
<b>Carcinogenic Data</b>	Glycolic acid is not listed by NTP, IARC, OSHA, EPA or any other authority as a carcinogen.

#### SECTION 12 – ECOLOGICAL INFORMATION

<b>Fish toxicity</b>	None available for specific product.
<b>Algae toxicity</b>	None available for specific product.
<b>Invertebrates toxicity</b>	None available for specific product.
<b>Toxicity to Bacteria</b>	None available for specific product.
<b>OECD Biological degradation</b>	Individual components have been specifically included in this product because they are known to be readily biodegradable and of low toxicity to fish and other aquatic organisms.
<b>General</b>	Product miscible in all proportions with water. As with any chemical product, do not discharge BULK quantities into drains, waterways, sewer or environment. Inform local authorities if this occurs.

#### SECTION 13 – DISPOSAL CONSIDERATIONS

<b>Disposal</b>	The small quantities contained in wash solutions (when used as directed) can generally be handled by conventional sewage systems, septic, and grey water systems. To dispose of quantities of undiluted product, refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. As with any chemical, do not put down the drain in quantity. For larger scale use, eg. Commercial laundry operations, a recycled water system is often recommended, or Trade Waste License obtained for disposal to sewer.
-----------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

#### SECTION 14 – TRANSPORT INFORMATION

<b>UN Number</b>	none allocated	<b>ADG Classification</b>	none allocated
<b>Shipping Name</b>	none allocated	<b>ADG Subsidiary Risk</b>	none allocated



**MATERIAL SAFETY DATA SHEET**  
**“GO CLEAN GO GREEN” BATHROOM CLEANER - GRAPEFRUIT**

<b>Hazchem Code</b>	none allocated	<b>Packing Group</b>	none allocated
<b>Packaging Method</b>	none allocated	<b>Special Provisions</b>	none allocated
<b>Segregation</b>	none allocated		

**SECTION 15 – REGULATORY INFORMATION**

**AICS** All ingredients present on AICS.

**Labeling Details**

<b>HAZARD</b>	Not hazardous
<b>RISK PHRASES</b>	None allocated
<b>SAFETY PHRASES</b>	None allocated
<b>SUSDP</b>	None allocated
<b>ADG Code</b>	None allocated

**SECTION 16 – OTHER INFORMATION**

**Acronyms**

<b>SUSDP</b>	Standard for the Uniform Scheduling of Drugs and Poisons.
<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail.
<b>CAS Number</b>	Chemical Abstracts Service Registry Number.
<b>UN Number</b>	United Nations Number.
<b>R-Phrases</b>	Risk Phrases.
<b>HAZCHEM</b>	An emergency action code of numbers and letters which gives information to emergency services.

**NOHSC**

<b>NTP</b>	National Occupational Health and Safety Commission.
<b>IARC</b>	National Toxicology Program (USA).
<b>IARC</b>	International Agency for Research on Cancer.
<b>AICS</b>	Australian Inventory of Chemical Substances.
<b>TWA</b>	Time Weighted Average
<b>STEL</b>	Short Term Exposure Limit
<b>Literature References</b>	List of Designated Hazardous Substances [NOHSC:10005(1999)] Australian Code For The Transport Of Dangerous Goods By Road And Rail – Sixth Edition. Standard for the Uniform Scheduling of Drugs and Poisons. National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)] Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)] Material Safety Data Sheets – individual raw materials – Suppliers. HSIS – Hazardous Substance Information System – National Worksafe Data Base.

**Revision Information**

**Note** New Issue to standard : 2nd Edition [NOHSC:2011(2003)].  
Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

<b>Contact Point</b>	Regulatory Affairs Manager.	<b>Telephone</b>	(07) 3245 3255
<b>Issue Date</b>	Oct 2010	<b>Supersedes Issue Date</b>	1st Issue

This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.

The MSDS is valid for five years from date of issue but may be withdrawn and revised at any time prior to that date. All information contained in the Data Sheet is as accurate as possible at the time of issue. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. As per the Worksafe Guidance Note NOHSC 3017, each used should review the information in the specific context of the intended application. No expressed or implied warranties nor any responsibility for damages resulting from sue of the information are given other than those implied mandatory by Commonwealth, State or Territory Legislation. If this product is to be re-packaged by others, it will be necessary for a new MSDS to be generated by the re-packer