

Cleaner Tab Active Green

Safety Data Sheet

according to the Model Work Health and Safety Regulations

Date of issue: 20/08/2019 Revision date: 25/10/2019 Version: 1.1

SDS No: 00625-0064

SECTION 1: Identification : Product identifier and chemical identity

1.1. Product identifier

Product form : Mixture
*Product name : Cleaner Tab Active Green, Art.-No. 56.01.535, 56.01.628, 56.01.527, 56.01.531

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Cleaning agent
For professional users only

1.4. Supplier's details

COMCATER Pty. Ltd.
156 Swann Drive
Derrimut
Victoria 3030, Australia
T +61 (0) 3 8369 4600 - F +61 (0) 3 8369 4666
www.comcater.com.au



E-mail address of competent person responsible for the SDS: reinigung@rational-online.com

1.5. Emergency phone number

Emergency number : POISONS INFORMATION CENTRE Phone: 13 11 26

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Corrosive to metals, Category 1 H290
Skin corrosion/irritation, Category 1A H314

2.2. Label elements

Hazard pictograms (GHS AU) :



Signal word (GHS AU) : Danger
Contains : Sodium hydroxide (50 - 80 %); disodium metasilicate (1 - 10 %)
Hazard statements (GHS AU) : H290 - May be corrosive to metals.
H314 - Causes severe skin burns and eye damage.
Precautionary statements (GHS AU) : P101 - If medical advice is needed, have product container or label at hand.
P234 - Keep only in original container
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P280 - Wear protective gloves/eye protection/face protection.
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove person to fresh air and keep 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/doctor
P321 - Specific treatment (see supplemental first aid instruction on this label)
P363 - Wash contaminated clothing before reuse
P390 - Absorb spillage to prevent material damage.
P405 - Store locked up.
P406 - Store in corrosive resistant container with a resistant inner liner.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards

No additional information available

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SECTION 3: Composition/information on ingredients

Comments : Mixture of the substances listed below with harmless additives

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Sodium hydroxide	1310-73-2	50 - 80	Skin Corr. 1A, H314
disodium metasilicate	6834-92-0	1 - 10	Skin Corr. 1B, H314 STOT SE 3, H335
Sodium carbonate	497-19-8	5 - 10	Eye Irrit. 2A, H319
Other substances (not contributing to the classification of this product)		< 45	Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Take off immediately all contaminated clothing. Call a physician immediately.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
- First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

4.2. Symptoms caused by exposure

- Symptoms/effects after skin contact : Burns.
- Symptoms/effects after eye contact : Serious damage to eyes.
- Symptoms/effects after ingestion : Burns. stomach pain. Nausea.

4.3. Indication of any immediate medical attention and special treatment needed

- Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Fire-extinguishing activities according to surrounding.
- Unsuitable extinguishing media : Strong water jet.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Do not allow run-off from fire fighting to enter drains or water courses.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
- Hazchem Code : 2W

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Mechanically recover the product. Wash away remainder with plenty of water.

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SECTION 7: Handling and storage, including how the chemical may be safely used

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep container tightly closed. Store in a well-ventilated place. Keep cool. Protect from atmospheric moisture and water.
- Special rules on packaging : Keep only in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

Sodium hydroxide (1310-73-2)	
Australia - Occupational Exposure Limits	
Local name	Sodium hydroxide
OEL - Ceilings (mg/m ³)	2 mg/m ³
Regulatory reference	Workplace exposure standards for airborne contaminants (2018)

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Personal protective equipment

- Hand protection : Chemically resistant protective gloves. EN 374. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer
- Eye protection : Protective goggles (EN 166)
- Skin and body protection : Not required
- Respiratory protection : Not required
- Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

- Physical state : Solid
- Appearance : tablet.
- Colour : white
- Odour : Odourless
- Odour threshold : No data available
- pH : 12.5
1 %
- Relative evaporation rate (butylacetate=1) : No data available
- Melting point / Freezing point : Freezing point : Not applicable
- Boiling point : No data available
- Flash point : Not applicable
- Auto-ignition temperature : Not applicable
- Flammability (solid, gas) : No data available
- Vapour pressure : No data available
- Relative density : No data available
- Density : Relative density : Not applicable
- Solubility : Soluble in water.
- Log Pow : No data available
- Viscosity, kinematic : Not applicable

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Explosive properties	: No data available
Oxidising properties	: Non oxidizing
Explosive limits	: Not applicable
Minimum ignition energy	: No data available
VOC content	: < 3 %
Fat solubility	: No data available

SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport. The product is non-reactive under normal conditions of use, storage and transport
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Exothermic reaction on contact with : Acids.
Conditions to avoid	: Moisture.
Incompatible materials	: Acids. metals.

SECTION 11: Toxicological information

Acute toxicity	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Causes severe skin burns and eye damage. pH: 12.5
Serious eye damage/irritation	: pH: 12.5
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Ecology - general	: Before neutralisation, the product may represent a danger to aquatic organisms.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

12.2. Persistence and degradability

Sodium carbonate (497-19-8)

Not rapidly degradable

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

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Fluorinated greenhouse gases	False
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disodium metasilicate (6834-92-0)	
Fluorinated greenhouse gases	False
Sodium carbonate (497-19-8)	
Fluorinated greenhouse gases	False
Sodium hydroxide (1310-73-2)	
Fluorinated greenhouse gases	False
Other substances (not contributing to the classification of this product)	
Fluorinated greenhouse gases	False

SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

ADG	IMDG	IATA
14.1. UN number		
1823	1823	1823
14.2. UN proper shipping name		
SODIUM HYDROXIDE, SOLID	SODIUM HYDROXIDE, SOLID	Sodium hydroxide, solid
14.3. Transport hazard class(es)		
8 8 	8 8 	8 8 
14.4. Packing group		
II	II	II
14.5. Environmental hazards		
	Marine pollutant : No	

14.6. Special precautions for user

Specific storage requirement : No data available

Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail

UN-No. (ADG) : 1823
Limited quantities (ADG) : 1kg
Packing instructions (ADG) : P002, IBC08
Special packing provisions (ADG) : B2, B4
Portable tank and bulk container instructions (ADG) : T3
Portable tank and bulk container special provisions (ADG) : TP33

Transport by sea

UN-No. (IMDG) : 1823
Packing instructions (IMDG) : P002
EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage) : S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES
Properties and observations (IMDG) : White pellets, flakes, lumps or solid blocks, deliquescent. Reacts with ammonium salts, evolving ammonia gas. In the presence of moisture, corrosive to aluminium, zinc and tin. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.
MFAG-No : 154

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Air transport

UN-No. (IATA)	: 1823
PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y844
PCA limited quantity max net quantity (IATA)	: 5kg
PCA packing instructions (IATA)	: 859
PCA max net quantity (IATA)	: 15kg
CAO packing instructions (IATA)	: 863
CAO max net quantity (IATA)	: 50kg
ERG code (IATA)	: 8L

14.8. Hazchem or Emergency Action Code

Hazchem Code : 2W

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

Australian Inventory of Chemical Substances (AICS) status : All components of this mixture are listed on or exempted from AICS

15.2. International agreements

No additional information available

SECTION 16: Any other relevant information

Abbreviations and acronyms	: IATA - International Air Transport Association IMDG - International Maritime Dangerous Goods LC50 - Median lethal concentration LD50 - Median lethal dose ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways RID - Regulations concerning the International Carriage of Dangerous Goods by Rail DOT - Department of Transport TDG - Transportation of Dangerous Goods REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 GHS - Globally Harmonized System of Classification, Labelling and Packaging of Chemicals IARC - International Agency for Research on Cancer vPvB - Very Persistent and Very Bioaccumulative PBT - Persistent Bioaccumulative Toxic PNEC - Predicted No-Effect Concentration CAS - CAS (Chemical Abstracts Service) number IBC-Code - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk ATE - Acute Toxicity Estimate CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 BCF - Bioconcentration factor MARPOL 73/78 - MARPOL 73/78: International Convention for the Prevention of Pollution From Ships ADG - Transport of Australian Dangerous Goods
Other information	: Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

Classification:

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Met. Corr. 1	H290
Skin Corr. 1A	H314

Full text of H-statements:

Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

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.