COMPETE + OVEN/GRILL CLEANER

Safety Data Sheet

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: COMPETE + OVEN/GRILL CLEANER

Synonyms	**Product Code**
Oven/Grill Cleaner	767

Recommended use: Industrial strength, cleaner and degreaser. Suitable for cleaning ovens, stove tops and microwaves.

Supplier Name	**CLEAN PLUS CHEMICALS PTY LTD**
Address	16 George Young Street AUBURN NSW 2144
Telephone	02 9738 7444
Fax	02 9644 1777
Emergency	1800 201 700
Email	customerservice@cleanplus.com.au
Web Site	www.cleanplus.com.au
SDS Date	11 MARCH 2025, VERSION 1.3

2. HAZARDS IDENTIFICATION

Hazardous according to the criteria of GHS Safe Work Australia.

Signal Word
Danger

Hazard Classifications
Skin Corrosion - Category 1A
Serious Eye Damage/Irritation - Category 1
Corrosive to metals – Category 1

Hazard Statements

H314	Causes severe skin burns and eye damage.
H290	May be corrosive to metals.

Prevention Precautionary Statements

P102	Keep out of reach of children.
P103	Read label before use.
P234	Keep only in original packaging.
P260	Do not breathe fume, gas, mist, vapours or spray.
P264	Wash hands, face and all exposed skin thoroughly after handling.
P280	Wear protective clothing, gloves, eye/face protection and suitable respirator.

Response Precautionary Statements

P101	If medical advice is needed, have product container or label at hand.
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 or shower.
P363	Wash contaminated clothing before reuse.
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 CENTRE or doctor or physician.
P363	Wash contaminated clothing before reuse.
P390	Absorb spillage to prevent material damage.

Storage Precautionary Statements

P405	Store locked up.
P406	Store in corrosive-resistant container with a resistant inner liner.

Disposal Precautionary Statement

P501	Dispose of contents/container in accordance with local, regional, national and international regulations.

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION, weight %
Sodium hydroxide	1310-73-2	10 - 30 %
Ingredients determined to be non-hazardous		Balance

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126)

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow victim to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if symptoms persist.

Skin Contact: Take off immediately all contaminated clothing and wash it before reuse. Immediately call a POISON CENTRE, doctor or physician.

Eye contact: Immediately rinse eyes with copious quantities of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE, doctor or physician

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Immediately give a glass of water to drink. Never give anything by the mouth to an unconscious patient. Seek medical advice.

Notes to physician: Treat symptomatically. Can cause corneal burns.

5. FIRE FIGHTING MEASURES

Hazchem Code: 2R

Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: No special hazards known.

Firefighting further advice: As in any fire, wear self-contained breathing apparatus and suitable protective clothing including gloves and eye/face protection

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS
Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS
Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: 37

7. HANDLING AND STORAGE

Handling: Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Store locked up. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks. Store in accordance with local and national regulations. Keep only in original packaging

This material is classified as a Class 8 Corrosive as per the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail’ and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison Schedule 6 (Poison) and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits:

	TWA		STEL		NOTICES
	ppm	mg/m3	ppm	mg/m3	
Sodium hydroxide 1310-58-3	-	2 Peak limitation	-	-	-

As published by Safe Work Australia.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Engineering Measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well-ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator.

Personal Protection Equipment: RUBBER BOOTS, OVERALLS, GLOVES, APRON, FACE SHIELD.

MANUFACTURING, PACKAGING AND TRANSPORT: Wear rubber boots, overalls, gloves, apron, face shield. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation of exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

RECOMMENDATIONS FOR CONSUMER USE: Wear safety glasses and gloves. Wash hands after use.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Base Units:	Litres
Form:	Clear Liquid
Colour:	BROWN
Odour:	SLIGHT ODOUR

Solubility:	Soluble in water.
Specific Gravity (20 °C):	1.14 - 1.16
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N App
Autoignition Temperature (°C):	N App
Melting Point/Range (°C):	N Av

Boiling Point/Range (°C):	Approx. 100
Decomposition Point (°C):	N Av
pH:	13.5 - 14.0
Viscosity:	N Av
Total VOC (g/Litre):	N Av
Corrosion to metals:	Corrosive

(Typical values only - consult specification sheet)
N Av = Not available, N App = Not applicable

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal storage and use conditions.

Conditions to avoid: None known under normal storage and use conditions.

Incompatible materials: Reacts violently with acids in an exothermic reaction. Corrosive to metals.

Hazardous decomposition products: None known under normal storage and use conditions.

Hazardous reactions: No known hazardous reactions.

11. TOXICOLOGICAL INFORMATION

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:

ATE – Oral (mg/kg): > 2000
ATE – Ingestion (mg/kg): > 2000
ATE – Inhalatory, mists (mg/L): >20

Ingestion: Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.

Eye contact: A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.

Skin contact: Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns.

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Acute oral toxicity: 500 mg/kg (sodium hydroxide)
Acute dermal toxicity: LD50 1350 (sodium hydroxide, rabbit)
Acute inhalative toxicity: No data (sodium hydroxide)
Skin irritation and corrosivity: corrosive (rabbit)
Serious eye irritation and corrosivity: corrosive (rabbit)
Respiratory tract irritation and corrosivity: No data available (sodium hydroxide)
Sensitisation by skin contact: not sensitising (sodium hydroxide)
Sensitisation by inhalation: No data available (sodium hydroxide)
Mutagenicity: No information available. (sodium hydroxide)
Carcinogenicity: No evidence for carcinogenicity (sodium hydroxide)
Toxicity for reproduction: No data available (sodium hydroxide)

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways. Prevent entry into drains and waterways.

Acute aquatic hazard: Harmful to aquatic species due to pH effects.

Long-term aquatic hazard: This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly

degradable and/or BCF < 500 and/or log K_{ow} < 4.

Aquatic short-term ecotoxicity: sodium hydroxide **-** LC50, fish 45.4 mg/L; EC50 crustacea 40.4 m/L; EC50 algae 22mg/L; marine species no data available.

Aquatic long-term ecotoxicity: sodium hydroxide - LC50, fish no data available; EC50 crustacea no data available; EC50 other aquatic organisms no data available.

Terrestrial toxicity: sodium hydroxide – plants no data available; birds no data available; beneficial insects no data available; soil bacteria no data available.

Persistence and degradability: Biodegradation is not an applicable endpoint since the product is an inorganic chemical.

Bio accumulative potential: No information available

Mobility: No information available

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see “Section 8. Exposure Controls and Personal Protection” of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT
Classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail’.

ADG, IMO/IMDG, ICAO/IATA

UN No:	1824
UN Proper shipping name:	SODIUM HYDROXIDE SOLUTION
Dangerous Goods Class:	8
Packing Group:	II
Environmentally hazardous:	No
Marine pollutant:	No
Emergency Response Guide No:	37
Hazchem Code:	2R
EmS:	F-A, S-B

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2), radioactive substances (Class 7) or food and food packaging in any quantity. Note 1: Concentrated strong alkalis are incompatible with concentrated strong acids. Note 2: Concentrated strong acids are incompatible with concentrated strong alkalis. Note 3: Acids are incompatible with Dangerous Goods of Class 6 which are cyanides. Exemptions may apply.

15. REGULATORY INFORMATION

National Regulations: Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by Safe Work Australia.

Poison Schedule: Classified as a Schedule 6 (S6) Poison using the criteria in the Standard for the Uniform Scheduling of Medicines and Poison (SUSMP), established under the Therapeutic Goods Act (Commonwealth).

Classification: Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by SafeWork Australia**.**

Inventory Listing: Australian Inventory of Industrial Chemicals. All components are listed on the inventory or are exempt.

This material is not subject to the following international agreements:
Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)

This material is subject to the following international agreements:
Basel Convention (Hazardous Waste)
- Wastes from the production, formulation and use of biocides and phytopharmaceuticals

International Convention for the Prevention of Pollution from Ships (MARPOL)
- Annex III - Harmful Substances carried in Packaged Form

This material/constituent(s) is covered by the following requirements:
• The *Standard for the Uniform Scheduling of Medicines and Poisons* (SUSMP) established under the Therapeutic Goods Act (Commonwealth).
• All the constituents of this material are listed on the *Australian Inventory of Chemical Substances* (AICS).

16. OTHER INFORMATION

This Safety Data Sheet document has been compiled by Clean Plus Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals directly. While Clean Plus Chemicals has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Clean Plus Chemicals accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person because of their reliance on the information contained in this SDS.
Additional Information

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Clean Plus Chemicals report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Clean Plus Chemicals report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

ABBREVIATIONS:

ADB - Air-Dry Basis.
BEI - Biological Exposure Indice(s)
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
EINECS - European Inventory of Existing Commercial Substances.
GHS – Globally Harmonized System
IARC - International Agency for Research on Cancer.
M - moles per litre, a unit of concentration.
mg/m3 - Milligrams per cubic meter.
NOS - Not Otherwise Specified.
NTP - National Toxicology Program.
OSHA - Occupational Safety and Health Administration.
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm - Parts Per Million.
RTECS - Registry of Toxic Effects of Chemical Substances.
ATE - Acute Toxicity Estimate
LC50 - Lethal Concentration, 50% / Median Lethal Concentration
LD50 - Lethal Dose, 50% / Median Lethal dose
STOT-RE - Specific target organ toxicity (repeated exposure)
STOT-SE - Specific target organ toxicity (single exposure)
TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.
STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period which should not be exceeded at any time during a normal eight-hour workday.
Peak Limitation - a ceiling concentration that should not be exceeded over a measurement period, which should be as short as possible, but not exceeding 15 minutes.

End of Safety Data Sheet