Dalcon Hygiene 36 Victoria St Smithfield NSW P:(02) 9604 1155 F:(02) 9604 9055

Safety Data Sheet

Revision Date: 22.10.2024

Combi Clean Powder

Classification of Product:

Classified as **HAZARDOUS** according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 3rd Revised Edition.

Classified as **DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

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1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY
    a. Product name: **Combi Clean Powder**
    b. Other means of identification: Oven Cleaner
    c. Recommended use of the chemical
    Cleaning ovens
    Manufacturer details: Dalcon Hygiene
    36 Victoria St Smithfield
    NSW 2164
    Australia
    PH: (02) 9604 1155
    FAX: (02) 9604 9055
    Email: admin@dalconhygiene.com.au
    d. Emergency phone number:
    Poisons information centre: 13 11 26

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2. HAZARD(S) IDENTIFICATION
    a. Classification of the hazardous chemical (Class and category):

    Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; **DANGEROUS GOODS**.

This material is hazardous according to Safe Work Australia; **HAZARDOUS SUBSTANCE**.

Classification of the substance or mixture:
Corrosive to Metals - Category 1
Acute Oral Toxicity - Category 4
Skin Corrosion - Sub-category 1A
Eye Damage - Category 1

c. **Hazard statement(s)**
H335: May cause respiratory irritation
H290: May be corrosive to metals
H302: Harmful if swallowed
H314: Causes severe burns and eye damage

d. **Precautionary Statement(s)**
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read label before use.
Prevention:
P234 Keep only in the original container
P260 Do not breathe dust / fume / gas / mist / vapours / spray.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product
P280 Wear protective gloves / protective clothing / eye protection / face protection.

Response:
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321 Specific treatment (see First Aid Measures on Safety Data Sheet).
P363 Wash contaminated clothing before re-use.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P310 Immediately call a POISON CENTER or doctor/physician.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P390 Absorb spillage to prevent material damage.

Storage:
P405 Store locked up. In a bunded area.
P406 Store in corrosive resistant container with a resistant inner liner

Disposal: P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Poisons Schedule (SUSMP): S6 Poison

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Components	CAS number	Proportion	Hazard Codes
Sodium hydroxide	1310-73-2	<10%	H314
Sodium Metasilicate	10213-79-3	10-30%	H302, H314, H335
Sodium Carbonate	497-19-8	10-30%	H318, H335
Non-hazardous chemicals	-	<10%	-

4. FIRST-AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

Inhalation:
Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If patient finds breathing difficult and develops a bluish discolouration of the skin (which suggests a lack of oxygen in the blood - cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply artificial respiration if patient is not breathing. Seek immediate medical advice.

Skin Contact:
If spilt on skin or hair, immediately drench with running water and remove contaminated clothing. Continue to wash skin and hair with plenty of water (and soap if material is insoluble) until advised to stop by the Poisons Information Centre or a doctor.

Eye Contact:
Immediately wash in and around the eye area with large amounts of water for at least 15 minutes. Eyelids to be held apart. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport promptly to hospital or medical centre. Continue to wash with large amounts

of water until medical help is available.

Ingestion:

Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.

Indication of immediate medical attention and special treatment needed:

Treat symptomatically. Can cause corneal burns. Delayed pulmonary oedema may result.

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5. FIRE-FIGHTING MEASURES

a. **Suitable extinguishing equipment**:
Use fine water spray, alcohol resistant foam or dry agent (carbon dioxide, dry chemical powder).

Hazchem or Emergency Action Code: 2W

b. **Specific hazards arising from the chemical:**
Corrosive substance. Non-combustible material

c. **Special protective equipment and precautions for fire fighters:**
Contact with metals may liberate hydrogen gas which is extremely flammable. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

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6. ACCIDENTAL RELEASE MEASURES

a. **Emergency procedures/Environmental precautions**:
Clear area of all unprotected personnel. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.
Prevent leakage or spillage into the environment. Do not let product enter drains. Discharge into the environment must be avoided.

b. **Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:**
Slippery when spilt. Avoid accidents, clean up immediately.
Wear protective equipment to prevent skin and eye contact and breathing in vapours.
Work up wind or increase ventilation.
Contain - prevent run off into drains and waterways.
Use absorbent materials (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. See section 13 for disposal instructions.

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7. HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

a. **Precautions for safe handling**

Avoid skin and eye contact and breathing in vapour, mists and aerosols. Use in a well ventilated area.
Keep out of reach of children.
Avoid eating, drinking or, smoking when using this chemical.
Wash hands after use.
Remove contaminated clothing and protective equipment after using chemicals and before entering eating areas.

b. **Conditions for safe storage, including incompatibilities.**

Store in cool place and out of direct sunlight.
Store in a bunded area.
Store away from foodstuffs.
Store away from incompatible materials described in Section 10.
Keep containers closed when not in use - check regularly for leaks.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

a. **Control Parameters**:

No value assigned for this specific material by Safe Work Australia.
However, Workplace Exposure Standard(s) for constituent(s):
Potassium hydroxide: Peak Limitation = 2 mg/m3
As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.
Peak Limitation - a maximum or peak airborne concentration of a particular substance determined over the shortest analytically practicable period of time which does not exceed 15 minutes.
These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace 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

b. **Engineering controls**:

Handle in accordance with good industrial hygiene and safety practise. Wash hands before and after use.
Ensure adequate ventilation to maintain air concentrations below Workplace Exposure Standards.
Keep containers closed when not in use

c. **Individual Protection measures**

Eye/face protection:
Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards
Skin protection:
Wear gloves when handling products. Gloves must be inspected prior to use. Use proper

glove removal technique (without touching the glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use.
Gloves must satisfy the following specifications:

i. Nitrile rubber, minimum 0.11mm
Break through time 480 min

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9. PHYSICAL AND CHEMICAL PROPERTIES

a. Physical state: Pink Powder
b. Colour: Pink
c. Odour: Odourless
d. pH - >13 (1% w/w)
e. Melting point/freezing point: 0°C
f. Initial boiling point and boiling range:101°C
g. Flammability: not applicable
h. Upper/lower flammability or explosive limits: Not applicable
i. Vapour pressure (20°C): Not available
j. Relative density: Not available
k. Solubility: Miscible in Water
l. Auto-ignition temperature: Not available
m. Specific Gravity: 1.2 @ 20°C
n. Density: 1.11g/cm^3

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10. STABILITY AND REACTIVITY

a. Reactivity:
Reacts violently with acids.
Reacts exothermically on dilution with water
b. Chemical stability:
Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Absorbs carbon dioxide from the air.
c. Possibility of Hazardous reactions:
Reacts with ammonium salts, evolving ammonia gas.
Reacts readily with reducing sugars to produce carbon monoxide.
d. Conditions to avoid:
Avoid exposure to moisture.
Avoid contact with other chemicals.
Avoid contact with acids.
e. Incompatible materials:
Incompatible with acids, ammonium salts, aluminium, tin and zinc
f. Hazardous decomposition products: None known

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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:

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: Breathing in mists or aerosols may produce respiratory irritation. Delayed (up to 48 hours) fluid build-up in the lungs may occur.

Acute toxicity: No LD50 data available for the product.
For the constituent SODIUM HYPOCHLORITE: Oral LD50 (mice): 5800 mg/kg

Serious eye damage/irritation: Moderate irritant (rabbit). Standard Draize test

Chronic effects: No information available for the product.

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12. ECOLOGICAL INFORMATION

a. Ecotoxicity: Avoid contaminating waterways
b. Persistence and degradability: This material is biodegradable
c. Aquatic Toxicity: Very toxic to aquatic organisms. 48hr LC50 (Fish): 0.07-5.9mg/L

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13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered.

Do not allow waste to enter waterways.

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14. TRANSPORT INFORMATION

Contains materials classified as **DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

a. UN number: 1823
b. Proper shipping name or technical name: SODIUM HYDROXIDE
c. Transport hazard class: 8 Corrosive
d. Packing group: II
e. Hazchem or emergency action code: 2W

Contains materials classified as **DANGEROUS GOODS** by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

- UN number: 1823
- Proper shipping name or technical name: SODIUM HYDROXIDE
- Transport hazard class: 8 Corrosive
- Packing group: II
- IMDG EMS Fire: F-A
- IMDG EMS Spill: S-B

Contains materials classified as **DANGEROUS GOODS** by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

- UN number: 1823
- Proper shipping name or technical name: SODIUM HYDROXIDE
- Transport hazard class: 8 Corrosive
- Packing group: II

15. REGULATORY INFORMATION

This Material is hazardous according to Safe Work Australia; **Hazardous Substance**

Classification of the substance or mixture:
Corrosive to Metals - Category 1
Skin Corrosion - Sub-category 1A
Eye Damage - Category 1

Hazard Statement(s):
H290: May be corrosive to metals
H314: causes severe skin burns and eye damage.

Poisons Schedule (SUSMP): Schedule 6

16. ANY OTHER RELEVANT INFORMATION

This Safety Data Sheet (SDS) has been prepared by Dalcon Hygiene

Reason(s) for Issue:

- Alignment to GHS requirements

This SDS summarises to the best of our knowledge at the date of issue, the chemical health and safety hazards of the material and provides general guidelines on how to safely handle the material. Dalcon Hygiene cannot anticipate or control the conditions under which the product may be used, stored and transported, therefore, each user must, prior to usage, assess and control the possible risks.

If clarification or further information is required, the user should contact Dalcon Hygiene at the contact details in section 1d.

By using this product, the user agrees that they have read and understood this SDS, and, knowing the risks associated with the product, wish to use the product.