

SCOURING POWDER

Safety Data Sheet

1. Identification

Product name: **SCOURING POWDER**

Synonyms
Scouring powder

Product Code
550

Recommended use: Surface cleaner.

Supplier Name CLEAN PLUS CHEMICALS PTY LTD

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2. Hazard Identification

**NOT classified as hazardous according to the criteria of Safework Australia.
NOT a Dangerous Good according to the Australian Dangerous Goods (ADG) Code version 7.**

GHS classification of the substance/mixture None allocated
Signal Word (s) None
Hazard Statement(s) None
Pictogram (s) None

3. Composition/information on ingredients

Chemical Characterization Blend of proprietary surfactants and abrasive compound.

Hazardous ingredients

| <u>Name</u> | <u>CAS no.</u> | <u>Proportion</u> | <u>Hazard symbol</u> | <u>Risk phrase</u> |
|-----------------------------|----------------|-------------------|----------------------|--------------------|
| Sodium Dichloroisocyanurate | 2893-78-9 | VLOW | N Xn | R: 22-31-36/37 |

KEY: Proportion, (wt %) - V HIGH >60, HIGH 30 - 60, MED 10 -29, LOW 1-9, V LOW <1

4. First-aid measures

Ingestion: Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a physician.
Skin: Wash off with soap and plenty of water. Consult a physician.
Eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Inhalation If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
First Aid Facilities Maintain eyewash fountain and safety shower in work area.
Advice to Doctor Treat symptomatically. Consult Poisons Information Centre
Other Information For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26 and New Zealand 0800 764 766) or a doctor.

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5. Fire-fighting measures

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| Suitable extinguishing media | Use extinguishing media most appropriate for the surrounding fire such as water, foam or dry agent (carbon dioxide, dry chemical powder). If safe to do so, move undamaged containers from the fire area. If a significant quantity (>200L) of this product is involved in a fire, call the fire brigade. |
| Specific hazards arising from the chemical | Non-flammable. Non-combustible, however keep containers cool by spraying with water to prevent pressure build up and drums bursting. When subject to high heat may produce water vapour, and fumes containing oxides of sulphur, carbon monoxide and carbon dioxide. |
| Precautions in connection with fire | Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection. |

6. Accidental release measures

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| Personal Precautions | Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8. |
| Personal Protection | Wear protective clothing specified for normal operations (see Section 8) |
| Clean-up Methods- Small Spillages | Slippery when spilt. Minor Contain and absorb spills using an inert absorbent material (soil, sand or vermiculite) or mop-up small spills. Pick up with shovel and place in clean, labeled receptacle for disposal. Wash area thoroughly with a detergent solution and rinse well with water. Small spills do not require special clean up measures or emergency procedures. Wear recommended personal protective equipment outlined in Section 8 when containing any spillage. |
| Large Spillages | Seek expert advice on handling and disposal. |
| Environmental Precautions | Prevent further leakage or spillage if safe to do so. Do not let product enter drains or waterways. |

7. Handling and storage

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| Precautions for Safe Handling | Product is safe to handle under normal conditions of use. Store tightly closed container in a cool, dry area. Store away from strong oxidising compounds. Not classified under the Transportation of Dangerous Goods Code. Ensure containers are correctly labeled and securely sealed and stowed. |
| Conditions for safe storage | Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. |
| Incompatible products | Do not store near acids or oxidising agents. |
| Incompatible materials | None known |

8. Exposure controls/personal protection

Occupational exposure limit values

There is no occupational exposure limits set for this product or components in this product. However we recommend a blanket limit of 10 mg/m³ for any nuisance dusts.

| Name | STEL | | TWA | | Footnote |
|---------------|-------------------|-----|-------------------|-----|----------|
| | mg/m ³ | ppm | mg/m ³ | ppm | |
| Nuisance dust | | | 10 | | |

Appropriate engineering controls

Avoid generating dusts or mists. In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.

Personal Protective Equipment

Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.

Respiratory Protection

Where ventilation is not adequate, respiratory protection may be required. Avoid breathing dust, vapours or mists. Respiratory protection should comply with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective

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| | Devices. Filter capacity and respirator type depends on exposure levels. In event of emergency or planned entry into unknown concentrations a positive pressure, full-face piece SCBA should be used. If respiratory protection is required; institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection. |
| Eye Protection | The use of a face shield, chemical goggles or safety glasses with side shield protection is appropriate. |
| Hand Protection | Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336. Avoid skin contact when removing gloves from hands, do not touch the gloves outer surface. Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance. Recommendation: Nitrile rubber gloves. |
| Footwear | Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use. |
| Body Protection | Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals. |
| Hygiene Measures | Do not eat, drink or smoke in work areas. Wash hands thoroughly after handling this material. Maintain good housekeeping. |

9. Physical and chemical properties

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|--------------------------|---------------------------|
| Appearance | White free flowing powder |
| Odour | Characteristic |
| Melting Point | Not available |
| Boiling Point | Not available |
| Flash point | Not applicable |
| Vapour Pressure | Not available |
| Solubility | <50% |
| Specific Gravity | Not available |
| pH | Not available |
| pH (1% in water) | 9.0 – 9.5 |
| Percent volatile | <1 % |
| Flammability | Non flammable |

10. Stability and reactivity

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|---|--|
| Chemical Stability | Stable under normal conditions of use. |
| Conditions to Avoid | Contact with acids and oxidising agents. |
| Incompatible Materials | Acids and oxidising agents. |
| Hazardous Decomposition products | Not determined. |
| Possibility of hazardous reactions | Not determined. |
| Hazardous Polymerization | Will not occur. |

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 that may arise if the product is mishandled are:

ACUTE EFFECTS

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| Swallowed | Swallowing can result in irritating mouth, oesophagus and stomach. Headaches and nausea possible. |
| Eye | Powder and solutions are irritants to eyes and mucous membranes. Overexposure may lead to eye tissue damage. |
| Skin | In the concentrated form, prolonged skin contact without rinsing may irritate skin upon contact. Skin inflammation is characterized by itching, scaling or reddening. Dermatitis may develop depending on the individual's sensitivity. |

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| Inhaled | Breathing excessive amounts of dust may produce nasal and upper respiratory irritation characterised by discomfort and sore throat. Effects of prolonged occupational exposure are not known. |
| CHRONIC EFFECTS | No information available for product. |

Acute toxicity

Health effects from the likely routes of exposure:

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| Inhalation | May cause irritation/discomfort. |
| Skin | May cause irritation/discomfort. |
| Eye | May cause irritation/discomfort. |
| Ingestion | May result in irritation to the gastrointestinal tract. |
| Target Organs | There is no data to hand indicating any particular health effects on target organs. |

12. Ecological information

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| Ecotoxicity | No data available. |
| Persistence and degradability | No data available. |

Surfactants used are biodegradable and will not accumulate in soil or water.

13. Disposal considerations

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| Disposal Considerations | Avoid release of product to the environment. Collect spilled product in plastic container or bag-off before disposing through normal commercial refuse system or at a waste landfill. Consult local council dumps, licensed waste management contractors or the manufacturer for proper disposal method in your area. Product and containers not suitable for landfill. Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycling company. If this is not practical, send to a commercial waste disposal site. Check with waste disposal site before sending for recycling. |
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14. Transport information

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|-----------------------------------|----------------|
| U.N. Number | None allocated |
| UN proper shipping name | None allocated |
| Transport hazard class(es) | None allocated |
| Hazchem Code | None allocated |
| Packing Group | None allocated |

15. Regulatory information

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| Regulatory Information | Ingredients listed in the Australian Inventory of Chemical Substances (AICS). |
| Poisons Schedule | None allocated. |

16. Other Information

Additional Information

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.

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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.

TWA/ES - Time Weighted Average or Exposure Standard.

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.

Report Status

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 as a consequence of their reliance on the information contained in this SDS.