TILE SCRUBBING POWDER
Safety Data Sheet

SmartClean
The Professional's Choice

1. Identification

Product name: TILE SCRUBBING POWDER

Synonyms
Scouring powder

Product Code
TSP 1

Recommended use: Surface cleaner.

Supplier Name	**COMPLIANT CLEANING SUPPLIES & SYSTEMS PTY LTD**
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SDS Date	1 September 2021 Version 2

2. Hazard Identification

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SWA/ASCC CRITERIA

NOT CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE

SIGNAL WORD *NONE. Not hazardous.*

Prevention

P102:	Keep out of reach of children.
P262:	Do not get in eyes, on skin, or on clothing.
P281:	Use personal protective equipment as required.

Response

P353:	Rinse skin or shower with water.
P301+P330+P331:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P370+P378:	In case of fire, use carbon dioxide, dry chemical, foam, water fog.

Storage

P404:	Store in a closed container.

Disposal

P501:	Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

3. Composition/information on ingredients

Chemical Characterization Blend of proprietary surfactants and abrasive compound.

Hazardous ingredients

Name	CAS no.	Proportion	Hazard symbol	Risk phrase
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.

5. Fire-fighting measures

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

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

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. How we recommend a blanket limit of 10 mg/m^3 for any nuisance dusts.

Name	STEL		TWA		
	mg/m^3	ppm	mg/m^3	ppm	Footnote
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

	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. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.
Hand Protection	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 and 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

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

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

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.

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:

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

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

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.

14. Transport information

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

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.

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 Compliant Cleaning Supplies & Systems Pty Ltd 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 Compliant Cleaning Supplies & Systems Pty Ltd 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

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