

MATERIAL SAFETY DATA SHEET

T & G Power

Page 1 of 3

Hazardous according to the criteria of Worksafe Australia.

Section 1: Supplier Information

Company Details:	Applied Products Australia 11 Gamma Close Beresfield NSW 2322 Phone: +612 4966 5516 Fax: +612 4966 5510
Emergency Telephone No:	Tel: +612 4966 5516 Tel: 131 126 Poisons Information Centre
Date of MSDS Preparation:	August 2008

Section 2: Identification

Product Name:	T & G Power
Product Code:	AP162
UN Number:	1814
Dangerous Goods Class and Subsidiary Risk:	8
Proper Shipping Name:	Sodium Hydroxide Solution
Hazchem Code:	2R
Poisons Schedule No:	6
Use:	Super strength tile, grout and concrete cleaner.

Section 3: Physical Description and Properties

Appearance:	Water White Liquid with mild odour.
Boiling Point:	Not available
Vapour Pressure:	Not available
Specific Gravity:	1.345
Flashpoint:	Not Relevant
Flammability Limits:	Not Relevant
Solubility in Water:	Completely soluble

OTHER PROPERTIES

Corrosiveness:	Corrosive to aluminium, tin and zinc.
Reactivity:	Reacts with acids.
pH:	14

INGREDIENTS

All hazardous substances as defined by the NOHSC code 1008 are listed by chemical name and CAS No. Other ingredients which are determined to be non-hazardous are listed by generic name or as "other ingredients determined not to be hazardous."

CHEMICAL NAME	CAS No.	PROPORTION
Sodium Hydroxide	1310-73-2	15-30%
Alkaline Salts	Mixture	5-15%
Surfactants & non-hazardous ingredients		to 100%

Product Name T & G Power

Section 4: Health Hazard Information

HEALTH EFFECTS

ACUTE

Swallowed:	Will cause burns to the mouth, throat and stomach with effects including mucous build-up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhea.
Eye:	Will cause severe irritation and possible burns to the eyes with effects including: tearing, pain, corneal opacity and blurred vision. Risk of serious damage to eyes.
Skin:	Will cause irritation to the skin, with effects including; redness, itching and drying/defatting.
Inhaled:	Mists from the product may cause irritation to the nose, throat and respiratory system with effects including; coughing, discomfort, breathing difficulty and shortness of breath.

CHRONIC

Prolonged or repeated skin contact may lead to dermatitis.
Prolonged eye contact may cause permanent eye damage.

Section 5: First Aid

FIRST AID

Swallowed:	If poisoning occurs, immediately contact a doctor or a Poisons Information Centre Tel 131 126 . Do NOT induce vomiting. Give 3 glasses of water.
Eyes:	In case of contact with eyes, flush immediately under running water (ensure eyelids are held open) for 15 minutes or until told to stop by a doctor or Poisons Information Centre. Seek urgent medical advice.
Skin:	Remove contaminated clothing immediately and wash skin thoroughly with soap and water. Seek medical advice if irritation persists.
Inhaled:	Remove from contaminated area. Apply artificial respiration if not breathing.
First Aid Facilities:	Eye wash. Normal washroom facilities.
Advice to doctor:	Treat symptomatically. Immediate dilution with water or milk beneficial. DO not give vinegar.

Section 6: Precautions for Use

Exposure Standards:	No exposure standards have been assigned to this product.
Engineering Controls:	Avoid aerolising. Maintain adequate ventilation at all times.
Personal Protection Equipment:	Gloves and apron: NBR or nitrile Goggles – wear chemical goggles Respiratory Protection – Not normally required. If used in confined spaces, select and use respirators in accordance with AS/NZS 1715/1716. The use of half-face P1 (dust/mist) respirator with replaceable filters is recommended.
Flammability:	Not flammable or combustible.

Section 7: Safe Handling Information

Storage & Transport:	Store and transport according to the requirements of the Australian Dangerous Goods Code for Transport. Store in a cool place and out of direct sunlight. Store away from strong acids. Store away from possible contact with non-ferrous metals. Keep container sealed when not in use. Store locked up and out of reach of children. Only store in the original container as supplied by the manufacturer.
Spills and Disposals:	Large Spills - Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labeled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle.
Fire/Explosion Hazard:	Small Spills – Flush away with copious amounts of water. Use dry chemical, foam or water fog. Wear full body protective clothing with self contained breathing apparatus (SCBA) and protective gloves. Prevent by any means available to prevent any spillage entering a watercourse.

Section 8: Stability and Reactivity

Stability:	Stable under normal conditions of use.
Hazardous Decomposition Products:	Non known
Hazardous Polymerization:	Will not occur.
Incompatibilities:	Strong acids and reducing agents.
Conditions to avoid:	Incompatibilities.

Section 9: Toxicological and Ecological Information

Toxicological Information: There is no toxicological information for the product T & G Power.

Ecological Information: There is no ecological information for the product T & G Power

Section 10: Other Information

Contact Point:	Chief Technician Tel (02)4966 5516 Poisons Information Centre Tel 131 126
-----------------------	--

Note: This Material Safety Data Sheet has been compiled in accordance with the Worksafe code for the Preparation of Material Safety Data Sheets.

DISCLAIMER

All information appearing herein is based upon data obtained from raw material manufacturers and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the control of Applied Products Australia and therefore the users are responsible to verify this data under their own particular conditions of use, applications and regulations to determine whether the product is suitable for their particular purpose and they assume all risks of their use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Product Name: T & G Power