



# PURPLE POWER

## Material Safety Data Sheet

### SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name</b>	Wynn's Purple Power
<b>Other Names</b>	69609 200 litres    69620 20 litres CORROSIVE LIQUID, N.O.S. / ADG Sodium Hydroxide / SUSDP Schedule 5
<b>Recommended Use</b>	Water-based cleaner for many applications
<b>Supplier Name</b>	Wynn's Australia Pty Ltd An (ITW), Illinois Tool Works Company ABN 73 000 370 150
<b>Address</b>	100 Hassall Street, Wetherill Park NSW 2164 Private Bag 35, Wetherill Park DC NSW 2164
<b>Telephone Number</b>	(02) 9828 0900  Email: <a href="mailto:wynnsaus@wynns.net">wynnsaus@wynns.net</a> Website: <a href="http://www.wynns.net">www.wynns.net</a>
<b>Emergency Phone Number</b>	(02) 9828 0900    Monday-Friday    8.00am – 5.00pm 13 11 26 (24 hours Australia) Poisons Information Centre (PIC) 0800 764 766 (New Zealand) Poisons Information Centre (PIC)

### SECTION 2 HAZARDS IDENTIFICATION

<b>Hazard Classification</b>	HAZARDOUS SUBSTANCE. DANGEROUS GOODS. Classified as hazardous according to the criteria of NOHSC. Classified as Dangerous Goods according to the criteria of the ADG Code.
<b>Risk Phrase</b>	R34    Causes burns.
<b>Safety Phrase</b>	S1/2    Keep locked up and out of the reach of children. S26    In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39    Wear suitable gloves and eye/face protection. S45    In case of accident or if you feel unwell, seek medical advice immediately.

<b>SECTION 3</b>	<b>COMPOSITION/INFORMATION ON INGREDIENTS</b>
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**Pure substances**

Not applicable – Mixture

**Mixtures**

Chemical Identity	CAS Number	Proportion
Water	7732-18-5	>60%
Sodium hydroxide	1310-73-2	<10%
Surfactants	-	<10%
Sequesterent		<10%
Sodium metasilicate	6834-92-0	<10%
Water softener		<10%
Other non-hazardous ingredients	-	<1%

<b>SECTION 4</b>	<b>FIRST AID MEASURES</b>
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**Ingestion**

Do NOT induce vomiting. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.

**Skin**

Wash affected area with soap and water. Remove contaminated clothing. Seek medical attention in event of irritation.

**Eye**

Immediately hold eyelids apart and flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

**Inhalation**

Remove person to fresh air to avoid further inhalation.

**First Aid Facilities**

Eye wash station.

**Advice to Doctor**

Contains 34 g/L Sodium Hydroxide. Treatment should be based on symptoms and clinical condition.

<b>SECTION 5</b>	<b>FIRE FIGHTING MEASURES</b>
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**Suitable Extinguishing Media**

There is no restriction on the type of extinguisher which may be used.

**Hazards From Combustion Products**

Thermal decomposition may produce oxides of carbon. Reacts with aluminium/zinc producing flammable, explosive hydrogen gas.

**Precautions For Fire Fighters**

Use water to cool fire exposed containers. Prevent, by any means available, spillage from entering drains or water courses.

**Special Protective Equipment**

Fire fighters to wear a self contained breathing apparatus plus protective gloves for fire only.

**Hazchem Code**

2X

## SECTION 6 ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	Slippery when spilt. Clean up all spills immediately. Prevent product from entering drink water supplies and sewer.
<b>Methods and Materials for Containment and Clean Up Procedures</b>	With small spills, absorb with inert absorbent material. Shovel into waste containers. Dispose in compliance with Federal, State and Local regulations.

## SECTION 7 HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Avoid skin and eye contact. Keep out of reach of children. Use in a well-ventilated area. Always wash hands with soap and water after handling.
<b>Conditions for Safe Storage</b>	Avoid freezing. Do not store opened unenclosed bottles. Store in a cool, dry, well ventilated area.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards</b>	<b>Name</b>	<b>ES-TWA</b>	<b>ES-STEL</b>	<b>ES-Peak</b>
	None established for product.	-	-	-
	Established for ingredients			
	Sodium hydroxide	-	-	2 mg/m <sup>3</sup>

<b>Alternative Standards</b>	Contains no other ingredients now known to be hazardous as defined by OSHA 29CFR 1910.1000(z) and 29CFR 1910.1200.
<b>Biological Limit Values</b>	No biological limit allocated.
<b>Engineering Controls</b>	Normal ventilation.
<b>Personal Protective Equipment</b>	
<b>Respiratory Protection</b>	None required.
<b>Eye / Face Protection</b>	Chemical goggles. Full face shield may be required for supplementary but never for primary protection of eyes.
<b>Skin Protection</b>	Rubber, plastic gloves.
<b>Thermal Hazards</b>	None applicable.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Clear thin pale purple liquid
<b>Odour</b>	Lemon grass fragrance
<b>pH Value</b>	13.3 (100% concentration)
<b>pH Value</b>	12.2 (10% concentration in distilled water)
<b>pH Value</b>	10.5 (1% concentration in distilled water)
<b>Vapour Pressure</b>	Not determined
<b>Vapour Density</b>	Not determined
<b>Boiling Point/Range</b>	100°C
<b>Freezing Point</b>	Not determined
<b>Melting Point</b>	Not applicable
<b>Solubility</b>	100% in water
<b>Density</b>	1.075 @ 15°C
<b>Flash Point</b>	None
<b>Flammable Limits</b>	Not applicable
<b>Ignition Temperature</b>	Not applicable

**SECTION 10 STABILITY AND REACTIVITY**

<b>Chemical Stability</b>	Stable
<b>Conditions to Avoid</b>	None applicable. Not flammable or combustible.
<b>Incompatible Materials</b>	Aluminium and Zinc metals.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may produce oxides of carbon.
<b>Hazardous Reactions</b>	Polymerization will not occur.

**SECTION 11 TOXICOLOGICAL INFORMATION**

<b>Toxicology Information</b>	This material has not been identified as a carcinogen by NTP, IARC or OSHA.
<b>Acute Health Effects</b>	
<b>Ingestion</b>	Ingestion of alkaline corrosives may produce burns around the mouth, ulcerations and swellings of the mucous membranes, profuse saliva production, with an inability to speak or swallow. Both the oesophagus and stomach may experience burning pain; vomiting and diarrhoea may follow. Epiglottal swelling may result.
<b>Inhalation</b>	No effect. Not normally a hazard due to non-volatile nature of product.

<b>Eye</b>	Direct eye contact with corrosive bases can cause pain and burns. There may be swelling, epithelium destruction, clouding of the cornea and inflammation of the iris.
<b>Skin</b>	Skin contact with alkaline corrosives may produce severe pain and burns.
<b>Chronic Health Effects</b>	Repeated or prolonged exposure to corrosives may result in the erosion of teeth, inflammatory and ulcerative changes in the mouth and necrosis (rarely) of the jam. Bronchial irritation, with cough, and frequent attacks of bronchial pneumonia may ensue. Gastrointestinal disturbances may also occur. Chronic exposures may result in dermatitis and/or conjunctivitis.
<b>Eye</b>	Sodium Hydroxide – may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.  Eye (rabbit): 0.05 mg/24h SEVERE Eye (rabbit): 1 mg/24h SEVERE Eye (rabbit): 1 mg/30s SEVERE
<b>Skin</b>	Sodium Hydroxide – may produce severe skin irritation after prolonged or repeated exposure, and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) thickening of the epidermis.  Skin (rabbit): 500 mg/24h SEVERE

## **SECTION 12      ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	Sodium Hydroxide – Fish LC50 (96H): 43mg/l.
<b>Persistence/ Degradability</b>	Not available.
<b>Mobility</b>	Miscible with water. Prevent, by any means available, spillage from entering drains or water courses.

## **SECTION 13      DISPOSAL CONSIDERATIONS**

<b>Disposal Methods</b>	Do not discharge into sewer or waterways. Ensure waste disposal conforms to local waste disposal regulations. Avoid unauthorised discharge to sewer.
<b>Special Precautions for Landfill or Incineration</b>	Material suitable for disposal by landfill through an approved agent.

<b>SECTION 14</b>	<b>TRANSPORT INFORMATION</b>
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<b>UN Number</b>	1760
<b>Proper Shipping Name</b>	CORROSIVE LIQUID, N.O.S.
<b>Class and Subsidiary Risk</b>	8
<b>Packing Group</b>	111
<b>Special Precautions for User</b>	Corrosive
<b>Hazchem Code</b>	2X

<b>SECTION 15</b>	<b>REGULATORY INFORMATION</b>
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<b>Poisons Schedule</b>	Sodium Hydroxide / Schedule 5 SUSDP No. 21 (2006).
<b>Hazard Category</b>	Corrosive / NOHSC : 10005 (1999). CORROSIVE LIQUID, N.O.S. / ADG Code Sixth Edition (1998).

<b>SECTION 16</b>	<b>OTHER INFORMATION</b>
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**Acronyms**

ABN	Australian Business Number
ACGIH	American Conference of Governmental Industrial Hygienists
ADG	Australian Dangerous Goods
AICS	Australian Inventory of Chemical Substances
AS	Australian Standard
CAS	Chemical Abstracts Service (USA)
COC	Cleveland Open Cup
EPA	Environment Protection Agency (Australian States)
IARC	International Agency for Research on Cancer
IP	Institute of Petroleum (UK)
NIOSH	National Institute for Occupational Safety and Health (USA)
NOHSC	National Occupational Health and Safety Commission (Australia)
NTP	National Toxicology Program (USA)
NZS	New Zealand Standard
OSHA	Occupational Safety and Health Administration (USA)
PEL	Permissible Exposure Level
PMCC	Pensky – Martens Closed Cup
SCBA	Self-Contained Breathing Apparatus
STEL	Short Term Exposure Limit
SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons (Australia)
TLV	Threshold Limit Value
TWA	Time Weighted Average
UN	United Nations

**Abbreviations**

cP	centiPoise
cSt	centiStoke
g	gram
Hg	Mercury
kPa	kiloPascal
L	litre
m <sup>3</sup>	cubic metre
mg	milligram
mL	millilitre
mm	millimetre
°C	degrees of temperature in Celsius (Centigrade)
%	percent(age)

**Note**

This form has been prepared in accordance with the National Code of Practice for the Preparation of Material Safety Data Sheets 2<sup>nd</sup> Edition [NOHSC:2011 (2003)] issued by the National Occupation Health and Safety Commission April 2003.

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<b>END OF MATERIAL SAFETY DATA SHEET</b>
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