

# PUREXOL 2-AU

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

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Version: 1.0



### SECTION 1: Identification : Product identifier and chemical identity

#### 1.1. Product identifier

Product form : Mixtures  
Product name : PUREXOL 2-AU  
Product code : PUREX-2  
Other means of identification : Chlorinated Alkaline Liquid CIP Detergent

#### 1.2. Recommended uses and restrictions

Recommended use : Industrial Cleaning Agent  
Industrial Sanitising Agent  
Restrictions on use : For Industrial Use Only

#### 1.3. Supplier information

##### Supplier

SOPURA AUSTRALIA  
4 KINGSTON PARK COURT  
3180 KNOXFIELD - AUSTRALIA  
T +61 3 9765 9800 - F +61 3 9763 9243  
[aus-sales@sopura.com](mailto:aus-sales@sopura.com) - [www.sopura.com](http://www.sopura.com)

#### 1.4. Emergency telephone number

Emergency number : 1300 767 872

### SECTION 2: Hazards identification

#### 2.1. Classification of the hazardous chemical

##### Classification (GHS-AU)

Skin Corr. 1A H314

#### 2.2. Label elements

Hazard pictograms (GHS-AU) :



GHS05

Signal word (GHS-AU) : Danger  
Contains : Potassium Hydroxide; Sodium Hypochlorite  
Hazard statements (GHS-AU) : H314 - Causes severe skin burns and eye damage  
Precautionary statements (GHS-AU) : P260 - Do not breathe dust/fume/gas/mist/vapours/spray  
P264 - Wash hands, forearms and face thoroughly after handling  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting  
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P310 - Immediately call a POISON CENTER or doctor/physician  
P321 - Specific treatment (see supplemental first aid instruction on this label)  
P363 - Wash contaminated clothing before reuse  
P405 - Store locked up  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

Name	CAS No	Concentration (%)
Potassium Hydroxide	1310-58-3	1 - 10
Sodium Hypochlorite	7681-52-9	1 - 10
Non Hazardous Ingredients		To 100%

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Call a physician immediately.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
- First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

#### 4.2. Symptoms caused by exposure

- Symptoms/injuries after skin contact : Burns.
- Symptoms/injuries after eye contact : Serious damage to eyes.
- Symptoms/injuries after ingestion : Burns.

#### 4.3. Indication of any immediate medical attention and special treatment needed

- Other medical advice or treatment : Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

No additional information available

#### 5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

##### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material.

### SECTION 7: Handling and storage, including how the chemical may be safely used

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters - exposure standards

Potassium Hydroxide (1310-58-3)		
Australia	Local name	Potassium hydroxide
Australia	TWA (Peak Limitation) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>

Sodium Hypochlorite (7681-52-9)		
Australia	Local name	Chlorine
Australia	TWA (mg/m <sup>3</sup> )	3

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### Sodium Hypochlorite (7681-52-9)

Australia	TWA (ppm)	1
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### Exposure limit values for the other components

#### 8.2. Monitoring

No additional information available

#### 8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

#### 8.4. Personal protective equipment

Hand protection : Protective gloves  
Eye protection : Safety glasses  
Skin and body protection : Wear suitable protective clothing  
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment  
Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

Physical state : Liquid  
Appearance :  
Colour : light yellow  
Odour : chlorine-like  
Odour threshold : No data available  
pH : 11.5 - 13.5  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point / Freezing point : Melting point : Not applicable  
Freezing point :  $\approx 0$  °C  
Boiling point :  $\approx 100$  °C  
Flash point : No data available  
Auto-ignition temperature : No data available  
Flammability (solid, gas) : No data available  
Vapour pressure : No data available  
Relative density : 1.15 - 1.18  
Density : No data available  
Solubility : Miscible with water.  
Log Pow : No data available  
Viscosity : No data available

## SECTION 10: Stability and reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport. The product is non-reactive under normal conditions of use, storage and transport  
Chemical stability : Stable under normal conditions.  
Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.  
Conditions to avoid : None under recommended storage and handling conditions (see section 7).  
Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified  
Skin corrosion/irritation : Causes severe skin burns and eye damage.  
pH: 11.5 - 13.5  
Serious eye damage/irritation : pH: 11.5 - 13.5  
Respiratory or skin sensitisation : Not classified

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Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

### SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets , Environmental classification information is not mandatory . Information relevant for GHS classification is available on request

#### 12.1. Ecotoxicity

Ecology - general	: Before neutralisation, the product may represent a danger to aquatic organisms.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

#### PUREXOL 2-AU

GWPmix comment	No known effects from this product.
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### SECTION 13: Disposal considerations

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
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### SECTION 14: Transport information

#### 14.1. UN number

UN-No. (ADG)	: 1719
UN-No. (IMDG)	: 1719

#### 14.2. Proper Shipping Name - Addition

Proper Shipping Name (ADG)	: CAUSTIC ALKALI LIQUID, N.O.S.
Proper Shipping Name (IMDG)	: CAUSTIC ALKALI LIQUID, N.O.S.

#### 14.3. Transport hazard class(es)

##### ADG

Transport hazard class(es) (ADG)	: 8
Danger labels (ADG)	: 8



##### IMDG

Transport hazard class(es) (IMDG)	: 8
Danger labels (IMDG)	: 8



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### IATA

Transport hazard class(es) (IATA) : Not applicable

### 14.4. Packing group

Packing group (ADG) : II  
Packing group (IMDG) : II  
Packing group (IATA) : Not applicable

### 14.5. Environmental hazards

Marine pollutant : No

### 14.6. Special precautions for user

Specific storage requirement : No data available  
Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

### Transport by road and rail

UN-No. (ADG) : 1719  
Special provision (ADG) : 274  
Limited quantities (ADG) : 1I  
Packing instructions (ADG) : P001, IBC02  
Portable tank and bulk container instructions (ADG) : T11  
Portable tank and bulk container special provisions (ADG) : TP2, TP27

### Transport by sea

UN-No. (IMDG) : 1719  
Special provisions (IMDG) : 274  
Limited quantities (IMDG) : 1 L  
Excepted quantities (IMDG) : E2  
Packing instructions (IMDG) : P001  
IBC packing instructions (IMDG) : IBC02  
Tank instructions (IMDG) : T11  
Tank special provisions (IMDG) : TP2, TP27  
EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE  
EmS-No. (Spillage) : S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES  
Stowage category (IMDG) : A

### 14.8. Hazchem or Emergency Action Code

Hazchemcode : 2R

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Relevant Poisons Schedule number : Schedule 6

### 15.2. International agreements

No additional information available

## SECTION 16: Any other relevant information

Indication of changes:  
Transition to GHS format.

Data sources : Safe Work Australia- Code of Practice- Preparation of Safety Data Sheets for Hazardous Chemicals  
Safe Work Australia- Code of Practice- Labelling of Workplace Hazardous Chemicals  
NICNAS- Australian Inventory of Chemical Substances (AICS)  
NICNAS- Relevant Chemical Assessment Reports  
Safe Work Australia- Workplace Exposure Standards for Airborne Contaminants  
United Nations- Globally Harmonised System of Classification and Labelling of Chemicals (GHS)  
Safe Work Australia- Hazardous Substances Information System (HSIS)  
The National Transport Commission- Australian Dangerous Goods Code (ADG Code)  
Relevant Raw Material Suppliers- Component Safety Data Sheets.

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Revision date : 12/12/2016  
Other information : EMERGENCY CONTACT NUMBER (Exposure and Environment): 1300 767 872. The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions of application are beyond our control Sopura Australia Pty Ltd and its associated companies do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.

### Classification:

Skin Corr. 1A	H314
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### Full text of H-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H400	Very toxic to aquatic life

### SDS GHS SOAU-3

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