



# SAFETY DATA SHEET

## OVEN CLEANER BROWN

Infosafe No.: LQ703  
ISSUED Date : 10/05/2016  
ISSUED by: JASOL AUSTRALIA

CLASSIFIED AS HAZARDOUS

### 1. IDENTIFICATION

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**GHS Product Identifier**

OVEN CLEANER BROWN

**Product Code**

2035202

**Company Name**

JASOL AUSTRALIA

**Address**

Level 3, 187 Todd Road Port Melbourne

VIC 3207 AUSTRALIA

**Telephone/Fax Number**

Tel: 03 95805722

Fax: 03 95809902

**Emergency phone number**

1800 629953

**Recommended use of the chemical and restrictions on use**

Oven & hot plate cleaner

### 2. HAZARD IDENTIFICATION

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**GHS classification of the substance/mixture**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Corrosive to Metals: Category 1

Eye Damage/Irritation: Category 1

Skin Corrosion/Irritation: Category 1

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

**Pictogram (s)**

Corrosion



**Precautionary statement – Prevention**

P234 Keep only in original container.  
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
 P264 Wash contaminated skin thoroughly after handling.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response**

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.  
 P363 Wash contaminated clothing before reuse.  
 P390 Absorb spillage to prevent material damage.

**Precautionary statement – Storage**

P405 Store locked up.  
 P406 Store in corrosive resistant/ container with a resistant inner liner.

**Precautionary statement – Disposal**

P501 Dispose of contents/container to

**Other Information**

LD50 Mixed surfactants: 1800-3400mg/kg oral, rat.  
 Potassium Hydroxide: 365mg/kg oral, rabbit  
 Sodium Hydroxide: 500mg/kg oral, rabbit

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Ingredients**

Name	CAS	Proportion
Sodium hydroxide	1310- 73- 2	10- 20 %
Potassium hydroxide	1310- 58- 3	1- 5 %
Triethanolamine	102- 71- 6	0- 5 %
C8/C10 alkyl polyglycoside	68515- 73- 1	0. 1- 1 %
Ingredients determined not to be hazardous		Balance

**4. FIRST-AID MEASURES****Inhalation**

If inhaled, remove affected person from contaminated area and keep at rest in a position comfortable for breathing. Seek medical attention. Apply artificial respiration if NOT breathing and immediately seek medical attention.

**Ingestion**

Do NOT induce vomiting. Wash/rinse out mouth thoroughly with water. Seek immediate medical attention.

**Skin**

If on skin (or hair) remove/take off all contaminated clothing immediately. Wash/rinse skin gently and thoroughly with water/shower and non-abrasive soap for 15 minutes after handling. Ensure contaminated clothing is washed before re-use or discard. Seek immediate medical attention.

**Eye contact**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses, if present and easy to do. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

**First Aid Facilities**

Eyewash, safety shower and normal washroom facilities.

**Advice to Doctor**

Product is potassium and sodium hydroxide solution. If swallowed, may cause holes in stomach and intestines. Evacuation of stomach should not be attempted. Contact Poisons Information Centre.

**Other Information**

For advice in an emergency, contact a Poisons Information Centre or a doctor at once. (131 126)

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## 5. FIRE-FIGHTING MEASURES

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**Suitable Extinguishing Media**

Carbon dioxide, dry chemical, foam, water fog or water mist.

**Unsuitable Extinguishing Media**

Do not use water jet.

**Hazards from Combustion Products**

Non combustible material.

**Specific Hazards Arising From The Chemical**

This product is non combustible.

**Hazchem Code**

2R

**Precautions in connection with Fire**

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Emergency Procedures**

Evacuate all unprotected personnel. Do not allow contact with skin and eyes. Do not breathe mist/vapour. As a water based product, if spilled on electrical equipment the product will cause short-circuits. It is essential to wear self-contained breathing apparatus (S.C.B.A) and full personal protective equipment and clothing to prevent exposure. Avoid exposure to spillage by collecting the material using vacuum and transfer into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

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## 7. HANDLING AND STORAGE

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**Precautions for Safe Handling**

Corrosive liquid. Attacks skin and eyes. Causes burns. Avoid breathing in vapours, mist or fumes. Wear suitable protective clothing, gloves and eye/face protection when mixing and using. Use in designated areas with adequate ventilation. Keep containers tightly closed. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.

**Conditions for safe storage, including any incompatibilities**

Corrosive liquid. Store in a cool dry well-ventilated area. Store away from oxidising agents and bases/acids. Protect from freezing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Provide a catch-tank in a bunded area. Store in original packages as approved by manufacturer. Ensure that storage conditions comply with applicable local and national regulations.

For information on the design of the storeroom, reference should be made to Australian Standard AS 3780 The storage and handling of corrosive substances.

**Corrosiveness**

May be corrosive to metals.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Occupational exposure limit values**

Sodium hydroxide

TWA: 2 mg/m<sup>3</sup>

**NOTE**

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

Peak Limitation: A ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

Potassium hydroxide solution

TWA: 2 mg/m<sup>3</sup>

**NOTE**

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

Peak Limitation: A ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

TRIETHANOLAMINE

TWA: 5 mg/m<sup>3</sup>

**NOTE**

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

'Sen' Notice: The substance may cause sensitization by skin contact or by inhalation.

**Biological Limit Values**

No biological limits allocated.

**Appropriate Engineering Controls**

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn.

**Respiratory Protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

**Eye Protection**

Safety glasses with full face shield should be used. Eye protection devices should conform to relevant regulations.

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Hand Protection**

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

**Body Protection**

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Form**

Liquid

**Appearance**

Brown coloured mobile liquid

**Colour**

Brown

**Odour**

Odourless

**Boiling Point**

approx. 100C

**Solubility in Water**

Miscible with water in all proportions

**Specific Gravity**

1.18

**pH**

>13.0

**Flash Point**

None

**Flammability**

Non combustible

## 10. STABILITY AND REACTIVITY

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**Reactivity**

Refer to Section 10: Possibility of hazardous reactions.

**Reactivity and Stability**

Stable under normal conditions of storage and handling.

**Conditions to Avoid**

Extremes of temperature and direct sunlight

**Hazardous Decomposition Products**

Thermal decomposition may result in the release of toxic and/or irritating fumes.

**Possibility of hazardous reactions**

Not available

**Hazardous Polymerization**

Not available

## 11. TOXICOLOGICAL INFORMATION

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**Toxicology Information**

No toxicity data available for this material.

**Ingestion**

Ingestion of this product will cause nausea, vomiting, abdominal pain and chemical burns to the mouth, throat and stomach.

**Inhalation**

Inhalation of mist or vapour will result in respiratory irritation and possible harmful corrosive effects including burns, lesions of the nasal septum, pulmonary edema, and scarring of tissue.

**Skin**

Causes burns. Corrosive to the skin. Skin contact can cause redness, itching, irritation, severe pain and chemical burns with resultant tissue destruction.

**Eye**

Causes eye damage. Eye contact will cause stinging, blurring, tearing, severe pain and possible burns, necrosis, permanent damage and blindness.

**Respiratory sensitisation**

Not expected to be a respiratory sensitiser.

**Skin Sensitisation**

Not expected to be a skin sensitiser.

**Germ cell mutagenicity**

Not considered to be a mutagenic hazard.

**Carcinogenicity**

Not considered to be a carcinogenic hazard.

Triethanolamine is listed as a Group 3: Not classifiable as to carcinogenicity to humans according to International Agency for Research on Cancer (IARC).

**Reproductive Toxicity**

Not considered to be toxic to reproduction.

**STOT-single exposure**

Not expected to cause toxicity to a specific target organ.

**STOT-repeated exposure**

Not expected to cause toxicity to a specific target organ.

**Aspiration Hazard**

Not expected to be an aspiration hazard.

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## 12. ECOLOGICAL INFORMATION

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**Ecological information**

No ecological data available for this material.

**Persistence and degradability**

Not available

**Mobility**

Not available

**Bioaccumulative Potential**

Not available

**Other Adverse Effects**

Not available

**Environmental Protection**

Prevent large amounts from entering waterways, drains and sewers.

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## 13. DISPOSAL CONSIDERATIONS

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**Waste Disposal**

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

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## 14. TRANSPORT INFORMATION

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**Transport Information**

This material is classified as a Class 8 Corrosive Substances Dangerous Goods

Class 8 Dangerous Goods are incompatible in a placard load with any of the following:

- Class 1: Explosives
  - Division 4.3: Dangerous when wet Substances
  - Division 5.1: Oxidising substances
  - Division 5.2: Organic peroxides
  - Class 6, Toxic or Infectious Substances, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids
  - Class 7: Radioactive materials unless specifically exempted
- and are incompatible with food and food packaging in any quantity.

Strong acids must not be loaded in the same freight container or on the same vehicle with strong alkalis. Packing Group I and II acids and alkalis should be considered as

Marine Transport (IMO/IMDG):

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Class/Division: 8

UN No: 1719

Proper Shipping Name: CAUSTIC ALKALI LIQUID, N.O.S. (CONTAINS: SODIUM HYDROXIDE AND POTASSIUM HYDROXIDE)

Packing Group: II

EMS : F-A, S-B

Special Provisions: 274

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Class/Division: 8

UN No: 1719

Proper Shipping Name: caustic alkali liquid, n.o.s. (contains: sodium hydroxide and potassium hydroxide)

Packing Group: II

Packaging Instructions (passenger & cargo): 851

Packaging Instructions (cargo only): 855

Hazard Label: Corrosive

Special Provisions: A3, A803

**U.N. Number**

1719

**UN proper shipping name**

CAUSTIC ALKALI LIQUID, N.O.S.(Contains: Sodium hydroxide and Potassium hydroxide)

**Transport hazard class(es)**

8

**Packing Group**

II

**Hazchem Code**

2R

**IERG Number**

37

**IMDG Marine pollutant**

No

**Transport in Bulk**

Not available

**Special Precautions for User**

Not available

## 15. REGULATORY INFORMATION

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**Regulatory information**

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

**Poisons Schedule**

S6

## 16. OTHER INFORMATION

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**Date of preparation or last revision of SDS**

SDS Created: May 2016

**References**

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals

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## END OF SDS

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