



# SAFETY DATA SHEET

**EMULSO**

Infosafe No.: LQ65V  
ISSUED Date : 07/11/2018  
ISSUED by: JASOL AUSTRALIA

**CLASSIFIED AS HAZARDOUS**

## Section 1 - Identification

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**Product Identifier**

EMULSO

**Product Code**

2035101

**Company Name**

JASOL AUSTRALIA

**Address**

41-45 Tarnard Drive Braeside  
VIC 3195 AUSTRALIA

**Telephone/Fax Number**

Tel: 03 95805722

Fax: 03 95809902

**Emergency Phone Number**

1800 629953

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

Multi-purpose cleaner

## Section 2 - Hazard(s) 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)

Eye damage/irritation: Category 1

Sensitisation - skin: Category 1

Skin corrosion/irritation: Category 1

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

**Pictogram (s)**

Corrosion, Exclamation mark



#### Precautionary Statement – Prevention

P260 Do not breathe dusts or mists.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash contaminated skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

#### Precautionary Statement – Response

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of water.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 IF INHALED: Remove person to fresh air and keep 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/doctor.

P321 Specific treatment (see First Aid measures on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P363 Wash contaminated clothing before reuse.

#### Precautionary Statement – Storage

P405 Store locked up.

#### Precautionary Statement – Disposal

P501 Dispose of contents/container to an approved waste disposal plant.

### Section 3 - Composition and Information on Ingredients

#### Ingredients

Name	CAS	Proportion
Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether	166736-08-9	<5 %
Sodium hydroxide	1310-73-2	<3 %
Sodium Metasilcate	10213-79-3	<3 %
Coconut diethanolamide	68603-42-9	<1 %
d-Limonene	5989-27-5	<1 %
Ingredients determined not to be hazardous	Not required	Balance

### Section 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. Contaminated work clothing should not be allowed out of the workplace. Ensure contaminated clothing is washed before re-use or discard. Seek immediate medical attention. If skin irritation or rash occurs please advise medical physician.

### **Eye**

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**

Treat symptomatically.

## **Section 5 - Firefighting 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**

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including phosphorous, carbon monoxide, carbon dioxide and oxides of nitrogen.

### **Specific hazards arising from the chemical**

This product is non combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn.

### **Hazchem Code**

2X

### **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.

## **Section 6 - Accidental Release Measures**

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### **Emergency Procedures**

Evacuate all unprotected personnel. Do not allow contact with skin and eyes. As a water based product, if spilt on electrical equipment the product will cause short-circuits. Do not breathe mist/vapour. 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.

## **Section 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. Protect from freezing. Store away from oxidising agents and bases/acids. 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.

## Section 8 - Exposure Controls and Personal Protection

### Occupational exposure limit values

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

### Biological Monitoring

No biological limits allocated.

### 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 and Face 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 such as rubber or plastic. 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.

## Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Liquid	Appearance	Clear, deep red, mobile, frothing liquid
Colour	Deep red	Odour	Citrus/orange
Boiling Point	approx. 100C	Solubility in Water	Miscible with water in all proportions
Specific Gravity	1.05 at 20°C	pH	12.0 - 14.0
Flash Point	Not applicable	Flammability	Not flammable

## Section 10 - Stability and Reactivity

### Reactivity

Reacts with incompatible materials

### Chemical Stability

Stable under normal conditions of storage and handling.

### Conditions to Avoid

Extremes of temperature and direct sunlight

**Incompatible Materials**

Strong oxidising agents and acids

**Hazardous Decomposition Products**

Thermal decomposition may result in the release of toxic and/or irritating fumes, smoke and gases including: oxides of nitrogen, carbon dioxide and carbon monoxide.

**Hazardous Polymerization**

Not expected to occur

## Section 11 - Toxicological Information

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**Toxicology Information**

No toxicity data available for this material.

**Ingestion**

Harmful if swallowed. 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. May cause an allergic skin reaction. 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**

May cause an allergic skin reaction

**Germ Cell Mutagenicity**

Not considered to be a mutagenic hazard.

**Carcinogenicity**

Not considered to be a carcinogenic hazard.

**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.

**Other Information**

Prolonged or repeated skin contact may lead to dermatitic effects. d-Limonene may be a skin sensitiser in some individuals.

## Section 12 - Ecological Information

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**Ecotoxicity**

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.

## Section 13 - Disposal Considerations

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**Disposal Considerations**

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

## Section 14 - Transport Information

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**Transport Information**

This material is a Class 8 Corrosive Substance according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 8 - Corrosive Substances are incompatible in a placard load with any of the following:

- Class 1, Explosives,
- Class 4.3, Dangerous When Wet Substances,
- Class 5.1, Oxidising Agents & Class 5.2 - Organic Peroxides,
- Class 6, Toxic Substances (where the Toxic substances are cyanides and the corrosives are acids),
- Class 7, Radioactive Substances,
- Class 8, Corrosive Substances (concentrated strong acid is to be segregated from strong alkali), and are incompatible with food and food packaging in any quantity.

**ADG U.N. Number**

1760

**ADG Proper Shipping Name**

CORROSIVE LIQUID, N.O.S.(OLEYL ALCOHOL ETHOXYLATE PHOSPHATE; SODIUM HYDROXIDE)

**ADG Transport Hazard Class**

8

**ADG Packing Group**

III

**Hazchem Code**

2X

**IERG Number**

37

**Special Precautions for User**

Not available

**IMDG Marine pollutant**

No

**Transport in Bulk**

Not available

## Section 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

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

**Poisons Schedule**

S5

## Section 16 - Any Other Relevant Information

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### Date of Preparation

SDS reviewed: Nov 2018

SDS created: June 2016

### Literature 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.

### Contact Person/Point

The company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.

24-Hour Emergency Telephone: AUS: 1800 629 953 NZ: Poisons 0800 764 766, Spills 111 FIRE.

## END OF SDS

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