

## SPOT AID

Infosafe No.: 1JA4N  
Issued Date: 16/07/2015  
Issued by: JASOL AUSTRALIA

### 1. IDENTIFICATION

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**GHS Product Identifier**

SPOT AID

**Product Code**

53

**Company Name**

JASOL AUSTRALIA

**Address**

41-45 TARNARD DRIVE BRAESIDE  
VIC 3195

**Telephone/Fax Number**

Tel: 03 95805722

Fax: 03 95809902

**Emergency phone number**

1800 629953

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

Detergent solution in water/methylated spirit. In industrial dish washing machines, to assist in the free rinsing and drying of plates, cups, cutlery etc. Do not dilute Spot Aid. Place machine inlet hose in container and Spot Aid will be drawn into the machine automatically during the rinse cycle.

### 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.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Classification:

Eye Damage/Irritation: Category 2A

**Signal Word (s)**

WARNING

**Hazard Statement (s)**

H319 Causes serious eye irritation.

**Pictogram (s)**

Exclamation mark



**Precautionary statement – Prevention**

P264 Wash skin thoroughly after handling.

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

**Precautionary statement – Response**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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**Ingredients**

Name	CAS	Proportion
Oxirane, methyl-, polymer with oxirane	9003-11-6	10-<30 %
Ethanol	64-17-5	<5 %
Fatty Alcohol Alkoxylate		<1 %
Citric acid	77-92-9	<1 %
Ingredients determined not to be hazardous, including water.		Balance

### 4. FIRST-AID MEASURES

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**Inhalation**

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

**Ingestion**

Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.

**Skin**

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

**Eye contact**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.

**First Aid Facilities**

Eyewash, safety shower and normal washroom facilities.

**Advice to Doctor**

Treat symptomatically.

Vomiting has not been induced because of risk of aspiration into the lungs. No specific antidote.

**Other Information**

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

### 5. FIRE-FIGHTING MEASURES

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**Suitable Extinguishing Media**

Use appropriate fire extinguisher for surrounding environment.

**Hazards from Combustion Products**

Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.

**Specific Hazards Arising From The Chemical**

This product is non combustible. May show a momentary flash point at about 66 °C. In enclosed areas, vapours may collect in flammable or explosive concentrations.

**Decomposition Temperature**

Not available

### **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.

## **6. ACCIDENTAL RELEASE MEASURES**

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### **Emergency Procedures**

Spillages will be very slippery. Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. If possible contain the spill. As a water based product, if spilt on electrical equipment the product will cause short-circuits. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to the 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.

## **7. HANDLING AND STORAGE**

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### **Precautions for Safe Handling**

Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Maintain high standards of personal hygiene by washing hands prior to eating, drinking, smoking or using toilet facilities.

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

Store in a cool, dry, well-ventilated area, out of direct sunlight. Protect from freezing. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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### **Occupational exposure limit values**

No exposure standards have been established for this material. However, the available exposure limits for ingredients are listed below:

Ethanol

TWA: 1000 ppm, 1880 mg/m<sup>3</sup>

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.

### **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. Refer to relevant regulations for further information concerning ventilation requirements.

### **Respiratory Protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist/vapour filter should be used. Reference should be made to Australian/New Zealand 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 side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Hand Protection**

Wear gloves of impervious material such as plastic and rubber. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

**Body Protection**

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance**

Clear mobile liquid

**Colour**

Blue

**Odour**

Smell of methylated spirits.

**Decomposition Temperature**

Not available

**Melting Point**

Not available

**Boiling Point**

Not available

**Solubility in Water**

Miscible with water in all proportions.

**Specific Gravity**

1.0

**pH**

Mildly acidic.

**Vapour Pressure**

Not available

**Vapour Density (Air=1)**

Not available

**Evaporation Rate**

Not available

**Odour Threshold**

Not available

**Viscosity**

Not available

**Partition Coefficient: n-octanol/water**

Not available

**Flash Point**

Momentary flash point at 66 °C (Open cup).

**Flammability**

Not flammable.

May show a momentary flash point at about 66°C, but will not burn. In enclosed areas, vapours may collect in flammable or explosive concentrations.

**Auto-Ignition Temperature**

Not available

**Flammable Limits - Lower**

3.5% (Ethanol)

## Flammable Limits - Upper

18% (Ethanol)

## 10. STABILITY AND REACTIVITY

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### Reactivity

Reactivity is not to be expected under normal conditions of temperature and pressure.

### Chemical Stability

Stable under normal conditions of storage and handling.

### Conditions to Avoid

Extremes of temperature and direct sunlight.

### Incompatible materials

Strong oxidizing agents.

### Hazardous Decomposition Products

Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.

### Possibility of hazardous reactions

Not available

## 11. TOXICOLOGICAL INFORMATION

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### Toxicology Information

No toxicity data available for this material. The available acute toxicity data for the ingredients are given below.

#### Acute Toxicity - Oral

Surfactant:

LD50 (Mouse): > 3,100 mg/kg

Ethanol:

ID50 (Rat): 7,060 mg/kg

#### Acute Toxicity - Inhalation

Ethanol:

LC50: 38mg/L

#### Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting. Risk of ethanol intoxication.

#### Inhalation

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system. Inhalation of ethanol vapours may lead to loss of co-ordination, nausea, dizziness, mental excitement and intoxication. Aspiration into the lungs during swallowing or vomiting may lead to chemical pneumonitis.

#### Skin

May be irritating to skin. The symptoms may include redness and itching. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis. Ethanol may be absorbed via the skin and may lead to intoxication symptoms.

#### Eye

Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

#### 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.

#### 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**

Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.

Ethanol is a central nervous system depressant. Risk of alcoholism on repeated contact over a long time.

## 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

**Environmental Protection**

Prevent this material entering waterways, drains and sewers.

## 13. DISPOSAL CONSIDERATIONS

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**Disposal considerations**

Dispose of waste according to applicable local and national regulations.

## 14. TRANSPORT INFORMATION

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**Transport Information**

Road and Rail Transport:

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).

Marine Transport (IMO/IMDG):

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**U.N. Number**

None Allocated

**UN proper shipping name**

None Allocated

**Transport hazard class(es)**

None Allocated

**Special Precautions for User**

Not available

**IMDG Marine pollutant**

No

**Transport in Bulk**

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**

Not Scheduled

**16. OTHER INFORMATION**

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

SDS Reviewed: July 2015

Supersedes: November 2011

**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, Safe work Australia.

-American Conference of Industrial Hygienists (ACGIH)

-Globally Harmonised System of classification and labelling of chemicals.

**END OF SDS**

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