



SAFETY DATA SHEET

SPOT AID

Infosafe No.: 7EFM1
RE-ISSUED Date : 13/02/2020
Re-issued: JASOL AUSTRALIA

CLASSIFIED AS HAZARDOUS

1. IDENTIFICATION

GHS Product Identifier

SPOT AID

Product Code

2000940

Company Name

JASOL AUSTRALIA

Address

Level 3, 187 Todd Road PORT MELBOURNE

VIC AUSTRALIA

Telephone/Fax Number

Tel: 1800 334 679

Fax: 03 9580 9902

Emergency phone number

1800 629 953

Recommended use of the chemical and restrictions on use

Low foaming rinse aid for dishwashing machines

Other Names

Name	Product Code
SPOT AID FITMENT	2001930
SPOT AID	2001720

2. HAZARD IDENTIFICATION

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)

Eye Damage/Irritation: Category 2A

Skin Corrosion/Irritation: Category 2

Signal Word (s)

WARNING

Hazard Statement (s)

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Pictogram (s)

Exclamation mark



Precautionary statement – Prevention

P264 Wash contaminated skin thoroughly after handling.

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

Precautionary statement – Response

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

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

P321 Specific treatment (see on this label).

P332+P313 If skin irritation occurs: Get medical advice/attention.

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

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

Other Information

LD50 Mixed surfactants: 2000-2700mg/kg oral, rat.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Oxirane, methyl-, polymer with oxirane, mono(2- propylheptyl) ether	166736- 08- 9	15- 35 %
2- bromo- 2- nitropropane- 1, 3- diol	52- 51- 7	<0. 02 %
5- chloro- 2- methyl- 2H- isothiazol- 3- 1&2- methyl- 2H- isothiazol- 3- one(3:1)	55965- 84- 9	<0. 01 %
Sodium nitrate	7631- 99- 4	<0. 01 %
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. 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 medical attention if symptoms persist.

Skin

Remove contaminated clothing and wash the affected area with running water. Ensure that the contaminated clothing is washed before re-use. Seek medical attention.

Eye contact

If in eyes, remove contact lenses if present and easy to do. Hold eyelids apart and flood with water for at least 15 minutes. Seek medical attention.

First Aid Facilities

Normal washroom facilities or eye wash station.

Advice to Doctor

Product is a dilute aqueous solution of mixed surfactants. Vomiting has not been induced because of risk of aspiration into the lungs.

Other Information

For advice in emergencies contact:

Poisons Information Centre (Australia): 131 126
National Poisons Centre (New Zealand): 0800 764 766

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing media appropriate to surrounding fire.

Unsuitable Extinguishing Media

Water jet.

Hazards from Combustion Products

Harmful vapours.

Special Protective Equipment for fire fighters

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

Specific Hazards Arising From The Chemical

This product is not combustible. However, under fire condition the product may decompose and release toxic fumes.

Decomposition Temperature

No data available.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Wear appropriate eye protection if risk of exposure and increase ventilation.

Clean-up Methods - Small Spillages

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise, absorb with an inert absorbent, transfer to a labelled container and arrange removal by disposals company. Wash site of spillage thoroughly with water.

Clean-up Methods - Large Spillages

If possible contain the spill using sand or earth and transferred to labelled salvage containers. Dispose of waste according to the applicable local and national regulations. Residues should be treated as for small spillages.

Environmental Precautions

Avoid discharging large volumes of product into drains or sewage.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Wear Personal Protective Equipment described in section 8. Avoid eye contact. Keep containers sealed when not in use. Wash hands prior to eating, drinking or smoking.

Conditions for safe storage, including any incompatibilities

Store out of reach of children. Large quantities should be stored in a bunded area. Store in labelled containers in a cool, dry area out of direct sunlight. Store away from incompatible materials described in Section 10. Ensure that storage conditions comply with applicable local and national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No occupational exposure limits are available for this product.

Biological Limit Values

No biological limits are available for this product.

Appropriate Engineering Controls

None for normal use.

Eye Protection

If there is a risk of splashing undiluted product, eye protection should be used.

Safety glasses should conform with the 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.

Personal Protective Equipment

Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

Clear Blue Liquid

Colour

Blue

Odour

Odourless

Decomposition Temperature

No data available.

Boiling Point

No data available.

Solubility in Water

Soluble

Specific Gravity

1.008-1.014 at 25°C

pH

5.0-7.0

Vapour Pressure

No data available

Vapour Density (Air=1)

No data available

Odour Threshold

No data available

Viscosity

No data available

Partition Coefficient: n-octanol/water

No data available

Flash Point

No data available

Flammability

Not flammable

Auto-Ignition Temperature

No data available

Flammable Limits - Lower

No data available

Flammable Limits - Upper

No data available

Initial boiling point and boiling range

No data available

Relative Evaporation Rate

No data available

Relative density

No data available

Melting/Freezing Point

No data available

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions of storage and handling.

Reactivity and Stability

Reacts with incompatible materials.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible materials

Halogens, alkalis and acids.

Possibility of hazardous reactions

No known hazardous reactions.

Hazardous Polymerization

Not expected to occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No toxicity data available for this product. Available toxicity data for ingredients is given below.

Acute Toxicity - Oral

Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether (CAS:166736-08-9):

LD50 (rat): >2000mg/Kg (experimental/calculated data)

Ingestion

Likely to cause gastric upset with nausea and vomiting.

Inhalation

Inhalations of high concentrations of vapour is irritating to the respiratory tract. When diluted as directed, symptoms of irritation are unlikely to occur.

Skin

Will have a degreasing effect on the skin. Prolonged contact with the concentrate may cause irritation.

Eye

Irritant.

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

LD50: Lethal Dose 50%: The dose (when given all at once) of a toxic agent sufficient to kill 50 percent of a population of test animals (Safe Work Australia).

12. ECOLOGICAL INFORMATION

Ecological information

No ecological data available for this material.

Persistence and degradability

No data available.

Mobility

No data available.

Bioaccumulative Potential

No data available.

Other Adverse Effects

No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

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

14. TRANSPORT INFORMATION

Transport Information

Not regulated for transport of Dangerous Goods: ADG7, UN, IATA, IMDG

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

15. REGULATORY INFORMATION

Regulatory information

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS 5th edition) 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 23).

Poisons Schedule

Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of SDS

SDS Created: 13 February 2020

References

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

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP 23).

Australian Code for the Transport of Dangerous Goods by Road & Rail (edition 7.5).

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 Governmental Industrial Hygienists (ACGIH).

Globally Harmonized System of classification and labelling of chemicals (edition 5).

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.

Contact Technical Manager in your state for more information.

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

W.A. 131 Garling Street, O'Connor WA 6163, Ph. (08) 9337 4844, Fx (08) 9314 1099

VIC. 41-45 Tarnard Drv, Braeside Vic 3195, Ph. (03) 9580 5722, Fx (03) 9580 9902

S.A. 483-485 South Rd, Regency Park SA 5010, Ph (08) 8346 4322, Fx (08) 8346 4313

QLD. Unit 1/22 Eastern Service Rd, Stapylton QLD 4207, Ph (07) 3380 8100, Fx (07) 3380 8199

NSW. 9 Davis Road, Wetherill Park NSW 2164, Ph. (02) 9725 5511, Fx (02) 9725 5564

N.Z. 159 Marua Road, Ellerslie 1005, Ph (09) 571 4385, Fx (09) 571 4388

N.Z. 105 Rutherford Street, Christchurch, Ph (03) 384 4433, Fx (03) 384 4431

END OF SDS

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