



SAFETY DATA SHEET INFORMATION

For further information: Please refer to the Safety Data Sheet following

Issue: June 2017

PRODUCT: MultiGoop

Other Names: None

Uses: Protective Coatings

UN No.:	NR
Dangerous Goods Class:	NR
Subsidiary Risk:	None
Packing Group:	NR
Hazchem Code:	NR
Poisons Schedule:	None

Hazardous Nature:	This product is classified as not hazardous under the Australian Safety and Compensation Council criteria.
Exposure Standards:	TWA: None specified; consider 5 g/m ³ ; STEL: None specified; consider 5 g/m ³ ; Peak Limitation (if any): None; Skin Sensitiser (if any): none. Refer to Section 8 for further information and definitions.

Physical Characteristics (Typical) Section 9 of the SDS

Appearance	Opaque / Greyish liquid, Translucent when dried
Boiling Point/Range (°C):	> 100
Flash Point (°C):	Not determined
Specific Gravity/Density (g/ml @ 15°C):	1.1 – 1.4
pH:	7-9
Chemical Stability:	Stable at room temperature and pressure
Reactivity:	Strong oxidising agents, excessive heat

Product Ingredients Section 3 of the SDS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Proportion</u>
Polymers	various	> 75
Water	7732-18-5	10 - 20
Surfactants	various	< 5
Viscosity modifiers	various	< 2

For further ingredients information, please refer to the full MSDS

Risk Phrases Section 2 of the SDS

Not Hazardous: intentionally left blank

DEFINITIONS

Dangerous Goods	Products that are regulated for transport by Road and Rail under the national guide are Dangerous Goods. Products can be classed as Dangerous Goods if they have a flash point below 60.5°C, a pH below 3 or above 11, are explosives or toxic. These goods will be allocated a UN No., Packing Group, Hazchem Code, and possibly a subsidiary risk.
Hazardous Substances	Hazardous Substances are those products that are intrinsically hazardous by nature, rather than by misuse. These include mutagens, teratogens, carcinogens, products that are toxic (but not sufficiently toxic to be classed as Dangerous Goods or carry a subsidiary risk), and products that pose environmental risks.
Poisons	Poisons are products that are regulated by the dose or exposure, often having physical and chemical effects at certain concentrations particular to the nature of the product. For example, in small doses, some products are harmless, but with increased concentration or exposure these products can be extremely harmful. The classification indicates First Aid, etc.



1. IDENTIFICATION

Product Name: MultiGoop
Other Names: None
Chemical Family: Emulsion
Molecular Formula: Not available
Recommended Use: Protective Coatings
Supplier: Goop Guys Manufacturing Pty Ltd
ABN: 45 126 643 025
Address: 8 Bronwyn Street, Caloundra QLD 4551
Telephone: 1300 735 496
Fax: (07) 54996831
Emergency Phone: **0410 627 939**
All other inquiries: 1300 735 496

2. HAZARDS IDENTIFICATION

Hazard Classification

This product is classified as not hazardous under the Australian Safety and Compensation Council criteria.

Hazard Category

This section is intentionally left blank

Risk Phrases

Not Hazardous: intentionally left blank

Safety Phrases

Not Hazardous: intentionally left blank

Dangerous Goods Classification NR

Poisons Schedule None

3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS Number	Proportion (% v/v)
Polymers	various	> 75
Water	7732-18-5	10 - 20
Surfactants	various	< 5
Viscosity modifiers	various	< 2

4. FIRST AID MEASURES

For advice, contact Poisons Information Centre (Phone Australia: 13 1126) or a doctor.

Ingestion

If swallowed, DO NOT induce vomiting. Keep at rest. Seek immediate medical attention.

Eye Contact

Flush eyes with large amounts of water until irritation subsides. Seek immediate medical attention.

Skin Contact

Flush area with large amounts of water and wash area with soap if available. Remove contaminated clothing, including shoes, and launder before reuse. Seek medical attention for skin irritations.

Inhalation

Using proper respiratory protection, immediately remove the affective victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Seek immediate medical attention.



First Aid Facilities

Provide eye baths and safety showers.

Medical Attention

Treat according to symptoms. Avoid gastric lavage - aspiration of product to the lungs may result in chemical pneumonitis.

5. FIRE FIGHTING MEASURES

Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with this Material Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

Suitable Extinguishing Media

Water spray, fine mist, dry chemical or foam. Do not use water jets.

Hazards from combustion products

This product will not burn, however toxic gases may be released with excessive heating

Precautions for fire fighters and special protective equipment

Full protective clothing and self-contained breathing apparatus

Hazchem Code NR

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Prevent product from escaping to drains and waterways. Contain leaking packaging in a containment drum. Prevent vapours or dusts from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

Methods and materials for containment

Major Land Spill

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard, where present.
- Prevent product from entering sewers, watercourses, or low-lying areas.
- Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimise the effect on the ground water.
- Contain the spilled product using the resources in the spill kit.
- Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measures" and "Stability and Reactivity"

Major Water Spill

- Eliminate any sources of ignition.
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard, where present.
- Notify the port or relevant authority and keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measures" and "Stability and Reactivity".



7. HANDLING AND STORAGE

Precautions for Safe Handling

This product will fuel a fire in progress and create toxic vapours on burning. This product will defat skin with prolonged contact. Wear appropriate PPE: chemical resistant gloves and coveralls. Employ standard industrial hygiene practices when handling this product.

Conditions for Safe Storage

Store in a cool, dry place away from direct sunlight. Protect containers from physical damage and check regularly for leaks. Avoid release to the environment, store in bunded areas and ensure exit drains are closed.

Incompatible Materials

None specified

8. EXPOSURE CONTROLS: PERSONAL PROTECTION

National Exposure Standards

The time weighted average concentration (TWA) for this product is: None specified; consider 5 g/m³, which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short term exposure limit (STEL) is: None specified; consider 5 g/m³, which is the maximum allowable exposure concentration at any time. Replacing a TWA or STEL value for some products is a Peak Limitation value (Peak): None applies in this case. In addition to the exposure concentrations may be a subsidiary caution in such cases where the product is a skin sensitiser, represented as (Sen), where none applies in this case.

Biological Limit Values (BLV)

None specified

Engineering Controls: Ventilation

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof equipment.

Personal Protective Equipment

Respiratory Protection: Where concentrations in air may approach or exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type 'A' filter material is considered suitable for this product.

Eye Protection: Always use safety glasses or a face shield when handling this product.

Skin/Body Protection: Always wear long sleeves, long trousers, or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves be worn when handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical Value
Appearance	None	Opaque / Greyish liquid, Translucent when dried
Boiling Point/Range	°C	> 100
Flash Point	°C	Not determined
SG/Density (@ 15°C)	g/ml; kgm ⁻³	1.10
Vapour Pressure @ 20°C	kPa	Not determined
Vapour Density @ 20°C	g/ml; kgm ⁻³	Not determined
Autoignition Temperature	°C	Not determined
Explosive Limits in Air	% vol/vol	Not determined
Viscosity @ 20°C	cPs, mPas Brookfield	4000-6000



Property	Unit of measurement	Typical Value
Percent volatiles	% vol/vol	< 50 (water)
Acidity/alkalinity as pH	None	Neutral
Solubility in Water	g/l	Dispersible
Other solvents	-	Not determined

The values listed are indicative of this product's physical and chemical properties. For a full product specification, please consult the Technical Data Sheet.

10. STABILITY AND REACTIVITY

Chemical stability

Stable at room temperature and pressure

Conditions to avoid

Strong oxidising agents, excessive heat

Hazardous decomposition products

Carbon dioxide, carbon monoxide on decomposition or incomplete oxidation

Hazardous reactions

Strong oxidising agents, excessive heat

Hazardous polymerisation

Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Effects

Ingestion

This material will cause irritation to the throat and tube to the stomach and may cause nausea. Vomiting may cause the product to be aspirated to the lungs possibly resulting in chemical pneumonitis.

Eye Contact

Eye contact with this product will cause redness and swelling with a burning sensation and blurred vision. The severe temporary effects can be reversed with immediate first aid.

Skin Contact

This product will result in defatting of the skin with prolonged or repeated contact. Drying and cracking of skin risks the possible absorption of other chemical products potentially in use.

Inhalation

Vapours at elevated temperatures will cause dizziness and drowsiness. Vapours at room temperature are not obvious. Aspiration of product will result in chemical pneumonitis and tracheal burning.

Chronic Effects

Repeated or prolonged contact with this product will result in irritant contact dermatitis if PPE precautions are not observed.

Other Health Effects Information

Persons with pre-existing skin conditions will be sensitive to this product.

Toxicological Information

Oral LD₅₀: No data available

Dermal LD₅₀: No data available



12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Toxicity:

Fish Toxicity LC₅₀: No data available
Daphnia Magna EC₅₀: No data available
Blue-green algae: No data available
Green algae: No data available

Persistence/Biodegradability: Elements of this product are expected to persist.

Mobility: This product is mobile on dilution, risking contamination of grasslands and waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain product residue that may be harmful. Ensure that empty packaging is managed in accordance with Dangerous Goods regulations.

Special Precautions

This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product is ashless and can be incinerated in a regulated facility. In the absence of a designated industrial incinerator, this product should be treated and disposed through chemical waste treatment, or considered for use in solvent recycling.

14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	NR	UN No.	NR	UN No.	NR
Proper Shipping Name	Polymer Emulsion	Proper Shipping Name	Polymer Emulsion	Proper Shipping Name	Polymer Emulsion
DG Class	NR	DG Class	NR	DG Class	NR
Sub. Risk	None	Sub. Risk	None	Sub. Risk	None
Packing Group	NR	Packing Group	NR	Packing Group	NR
Hazchem	NR	Hazchem	NR	Hazchem	NR

Dangerous Goods Segregation

This product is not regulated for Transport via Road and Rail.

15. REGULATORY INFORMATION

Country/Region: Australia

Inventory: AICS

Status: Listed

Poisons Schedule: None

16. OTHER INFORMATION

Reasons for Issue: Upgrade to 16-point SDS; amalgamated supplier and regulatory changes in all sections.

Abbreviations:

AICS: Australian Inventory of Chemical Substances

CAS Number: Chemical Abstracts Number

IARC: International Agency for Research on Cancer



ASCC: Australian Safety and Compensation Council

PPE: Personal Protective Equipment

N/R: Non-regulated

N/A: Not applicable

References:

- Supplier Material Safety Data Sheets
- <http://hsis.ascc.gov.au/SearchHS.aspx> (June 17)
- Animal toxicology data: <http://chem.sis.nlm.nih.gov/chemidplus> (June 17)
- Ecotoxicology data: http://cfpub.epa.gov/ecotox/quick_query.htm (June 17)
- *Sax's Dangerous Properties of Industrial Materials*, Richard J Lewis Snr., pub. Canada (2005)

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Goop Guys Pty Ltd.
