

# SAFETY DATA SHEET

**SUPERFLUSH**

Infosafe No.: LPVQM  
ISSUED Date : 17/08/2021  
ISSUED by: CPS Australia Pty Ltd

## Section 1 - Identification

### Product Identifier

SUPERFLUSH

### Company Product Codes / Numbers / Unique Identifiers

55032

### Company Name

CPS Australia Pty Ltd (ABN 73092173665)

### Address

109 Welland Avenue Welland  
SA 5007 AUSTRALIA

### Telephone/Fax Number

Tel: +61 8 8340 7055

Fax: +61 8 8340 7033

### Emergency Phone Number

National Poisons Info Centre: 13 11 26 (24 hours)

### E-mail Address

sales@cpsaustralia.com.au

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

Chemical intermediate

## Section 2 - Hazard(s) 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)

Flammable liquids: Category 4

Eye damage/irritation: Category 2

Skin corrosion/irritation: Category 2

### Signal Word (s)

WARNING

### Hazard Statement (s)

H227 Combustible liquid.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

### Pictogram (s)

Exclamation mark



**Precautionary Statement – Prevention**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P264 Wash skin thoroughly after handling.

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

**Precautionary Statement – Response**

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

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

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

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.

P370+P378 In case of fire: Use carbon dioxide, dry chemical powder or water spray to extinguish.

**Precautionary Statement – Storage**

P403 Store in a well-ventilated place.

**Precautionary Statement – Disposal**

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

### Section 3 - Composition and Information on Ingredients

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**Ingredients**

Name	CAS	Proportion
propylene glycol monobutyl ether	5131-66-8	25-50 %
Propanol, (2-methoxymethylethoxy)-	34590-94-8	25-50 %
Ingredients determined not to be hazardous		Balance

### Section 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**

Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.

**Eye**

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.

**Other Information**

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

### Section 5 - Firefighting Measures

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**Suitable Extinguishing Media**

Use carbon dioxide, dry chemical powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### **Hazards from Combustion Products**

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

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

Combustible liquid. This product will readily burn under fire conditions.

### **Decomposition Temperature**

Not available

### **Precautions in connection with Fire**

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

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

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### **Emergency Procedures**

Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. 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.

## **Section 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. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. 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 away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. 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 AS1940 - The storage and handling of flammable and combustible liquids.

### **Storage Regulations**

Classified as a Class C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940 ( 2017).

## **Section 8 - Exposure Controls and Personal Protection**

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### **Occupational exposure limit values**

Propanol, (2- methoxymethylethoxy) (Dipropylene glycol monomethyl ether)

TWA: 50 ppm, 308 mg/m<sup>3</sup>

Note: Sk

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.

'Sk' Notice: Absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.

Source: Safe Work Australia

### **Biological Monitoring**

No biological limits allocated.

### Control Banding

Not available

### Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. 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.

Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 60079.10.1 Explosive atmospheres - Classification of areas - Explosive gas atmospheres, 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 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 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 should conform with Australian/New Zealand Standard AS/NZS 1337(series) - Eye Protectors for Industrial Applications.

### Hand Protection

Wear gloves of impervious material. For permanent contact the following materials are suitable: Butyl rubber(BR), Neoprene. 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.

### Thermal Hazards

No further relevant information available.

### 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 colourless liquid
Colour	Colourless	Odour	Slight ether odour
Melting Point	Not applicable	Boiling Point	171°C
Decomposition Temperature	Not available	Solubility in Water	Fully miscible
pH	Not applicable	Vapour Pressure	1.3 hPa (20 °C)
Relative Vapour Density (Air=1)	Not available	Odour Threshold	Not available
Viscosity	Not available	Volatile Component	VOC (California); >99%
Partition Coefficient: n-octanol/water (log value)	Not available	Density	0.91 g/cm <sup>3</sup> (20 °C)
Flash Point	71°C (ASTM D-93)	Flammability	Combustible
Auto-Ignition Temperature	Product is not self-igniting.	Flammable Limits - Lower	1.1% (vol)
Flammable Limits - Upper	14.0% (vol)	Explosion Properties	Product does not present an explosion hazard.

## Section 10 - Stability and Reactivity

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### Chemical Stability

Stable under normal conditions of storage and handling.

### Possibility of hazardous reactions

Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.

### Conditions to Avoid

Heat, open flames and other sources of ignition.

### Incompatible Materials

Strong acids, strong oxidizing agents.

### Hazardous Decomposition Products

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

### Reactivity and Stability

Reacts with incompatible materials.

### Hazardous Polymerization

Will not occur.

## Section 11 - Toxicological Information

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### Toxicology Information

No toxicity data available for this product.

### Ingestion

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

### Inhalation

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

### Skin

Causes skin irritation. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.

### 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.

## Section 12 - Ecological Information

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### Ecotoxicity

No ecological data is available for this material.

### Persistence and degradability

Moderately /partly biodegradable

### Mobility

Not available

### Bioaccumulative Potential

Does not accumulate in organisms.

### Other Adverse Effects

The product is oxygen-consuming. The declared action may be partly caused by lack of oxygen. Due to mechanical actions of the product (e.g. agglutinations) damages may occur.

### Environmental Protection

Prevent this material entering waterways, drains or sewers.

### Hazardous to the Ozone Layer

This product is not expected to deplete the ozone layer.

## 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. To minimise personal exposure, refer to Section 8 - Exposure Controls and Personal Protection.

## Section 14 - Transport Information

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### Transport Information

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

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

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

### ADG U.N. Number

None Allocated

### ADG Proper Shipping Name

None Allocated

### ADG Transport Hazard Class

None Allocated

### 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.

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

### Poisons Schedule

Not Scheduled

### Montreal Protocol

Not listed

### Stockholm Convention

Not listed

### Rotterdam Convention

Not listed

### International Convention for the Prevention of Pollution from Ships (MARPOL)

Not available

### Agricultural and Veterinary Chemicals Act 1994

Not available

### Basel Convention

Not available

## Section 16 - Any Other Relevant Information

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### Date of Preparation

SDS reviewed: August 2021

Supersedes: September 2016

### Version Number

3.0

### 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.

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

Code of Practice for Supply Diversion into Illicit Drug Manufacture.

National Code of Practice for Chemicals of Security Concern.

Agricultural Compounds and Veterinary Chemicals Act.

International Agency for Research on Cancer (IARC) Monographs.

Montreal Protocol on Substances that Deplete the Ozone Layer.

Stockholm Convention on Persistent Organic Pollutants (POPs).

Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade.

Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal. International Air Transport Association (IATA) Dangerous Goods Regulations.

International Maritime Dangerous Goods (IMDG) Code.

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.

Code of Practice: Managing Noise and Preventing Hearing Loss at Work.

## END OF SDS

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