

1. IDENTIFICATION

Commercial Name: Fire Red Liquid
Other Names: RA3135
Product Use: Body and Soap Products

Contact Information:

Organisation	Location	Telephone	Ask For
Adelaide Moulding and Candle Supplies	7 Woodlands Terrace Edwardstown South Australia 5039	08 8294 0451	SDS Officer
Poisons Information Centre		13 11 26	

2. HAZARD IDENTIFICATION

Classification of the substance or mixture No Significant Hazard
Label Elements No Significant Hazard
Other hazards The product is classified as non hazardous.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances:

Chemical Name	Index No.	CAS No.	EC No.
Glycerine (422)		56-81-5	200-289-5
Water		7732-18-5	231-791-2
Ponceau 4R (124)	CI 16255	2611-82-7	220-036-2

4. FIRST AID MEASURES

Description of first aid measures

Swallowed: IF SWALLOWED: Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.
Skin: IF ON SKIN: Seek medical attention if irritation or symptoms persist. Some dyes may temporarily stain skin.
Eye: IF IN EYES: Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Inhalation: IF INHALED: Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.

Most important symptoms and effects, both acute and delayed

Swallowed:	IF SWALLOWED: Ingestion may cause nausea and vomiting.
Skin:	IF ON SKIN: May cause irritation to skin.
Eye:	IF IN EYES: May cause irritation to eyes.
Inhalation:	IF INHALED: May cause irritation to respiratory system.

Indication of any immediate medical attention and special treatment needed

Remove the affected person from the source of contamination immediately. If you feel unwell, seek medical advice (show the label where possible).

5. FIRE FIGHTING MEASURES

Extinguishing Media:	Carbon dioxide (CO2). Dry chemical. Foam.
Special hazards arising from the substance or mixture:	Burning produces irritating, toxic and obnoxious fumes.
Advice for firefighters:	Protective equipment. Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
Environmental precautions:	Do not empty into drains.
Methods and material for containment and cleaning up:	Collect spillage. Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.
Reference to other sections:	See section 2,4, 8 & 13 for further information.

7. HANDLING AND STORAGE

Handling:	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
Storage:	Keep containers tightly closed. Keep in a cool, dry, well-ventilated area
Specific end use(s):	Food grade colourant.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters: No data available

Exposure Control



Eye/face protection:	Safety glasses
Skin protection - Handprotection	Nitrile rubber gloves

Skin protection – Other: Wear suitable protective clothing.

Respiratory protection: Suitable respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid
Colour: Red
Odour: Characteristic
pH: No data available
Odour threshold: Not applicable
Melting point: Not applicable
Freezing Point: Not applicable
Initial boiling point: Not applicable
Flash point: Not applicable
Evaporation rate: Not applicable
Flammability (solid, gas): Not applicable
Vapour pressure: Not applicable
Vapour density: Not applicable
Relative density: 1.15 - 1.20
Fat Solubility: Insoluble in fat
Partition coefficient: Not applicable
Autoignition temperature: Not applicable
Viscosity: Not applicable
Explosive properties: Not applicable
Oxidising properties: Not applicable
Solubility: Soluble in water
Benzene Content: No data available
VOC (Volatile organic compounds): No data available
Gas group: No data available
Conductivity: No data available
Surface tension: No data available
Lead content: < 2 mg/kg

10. STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions
Chemical stability: Stable under normal conditions
Possibility of hazardous reactions: Strong acids. Strong bases. Oxidising agents. Reducing agents
Conditions to avoid: Direct sunlight. Moisture
Incompatible materials: Strong acids. Strong bases. Oxidising agents. Reducing agents
Hazardous decomposition products: No data available

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects: No data available.
Toxicological Information: No data available.

12. ECOLOGICAL INFORMATION

Toxicity: No data available
Persistence and degradability: No data available

Bioaccumulative potential:	No data available.
Partition coefficient:	No data available
Mobility in soil:	No data available.
Results of PBT and vPvB assessment:	No data available.
Other adverse effects:	No data available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:	Can be incinerated if in compliance with local and national regulations.
Disposal methods:	Contact a licensed waste disposal company. Do not empty into drains. Dispose of in compliance with all local and national regulations.
Disposal of packaging:	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

14. TRANSPORT INFORMATION

UN number:	The product is not classified as dangerous for carriage.
UN proper shipping name:	The product is not classified as dangerous for carriage.
Transport hazard class(es):	The product is not classified as dangerous for carriage.
Packing group:	The product is not classified as dangerous for carriage.
Environmental hazards:	The product is not classified as dangerous for carriage.
Special precautions for user:	The product is not classified as dangerous for carriage. No data available.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	The product is not classified as dangerous for carriage. No data available.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Regulations:	Complies to Regulation 1272/2008.
Chemical safety assessment:	No Significant Hazard.

16. OTHER INFORMATION

Related Product Codes:	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information
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relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Key	Legend
<	Less Than
>	Greater Than
AICS	Australian Inventory of Chemical Substances
Atm	Atmosphere
CAS	Chemical Abstracts Service (Registry Number)
cm ²	Square Centimetres
CO ₂	Carbon Dioxide
COD	Chemical Oxygen Demand
deg C (°C)	Degrees Celcius
EPA (New Zealand)	Environmental Protection Authority of New Zealand
deg F (°F)	Degrees Farenheit
g	Grams
g/cm ³	Grams per Cubic Centimetre
g/l	Grams per Litre
HSNO	Hazardous Substance and New Organism
IDLH	Immediately Dangerous to Life and Health
Immiscible	Liquids are insoluble in each other
inHg	Inch of mercury
inH ₂ O	Inch of Water
K	Kelvin
kg	Kilogram
kg/m ³	Kilograms per Cubic Metre
lb	Pound
LC50	LC stands for lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.
LD50	LD stands for Lethal Dose. LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.
ltr or L	Litre
m ³	Cubic Metre
mbar	Millibar
mg/24H	Milligrams per 24 Hours
mg/kg	Milligrams per Kilogram
Mg/m ³	Milligrams per Cubic Metre
Misc or Miscible	Liquids form one homogeneous liquid phase regardless of the amount of either component present.
mm	Millimetre
mmH ₂ O	Millimetres of Water
mPa.s	Millipascals per Second
N/A	Not Applicable
NIOSH	National Institute for Occupational Safety and Health
NOHSC	National Occupational Health and Safety Commission
OECD	Organisation for Economic Co-operation and Development
Oz	Ounce
PEL	Permissible Exposure Limit
Pa	Pascal
ppb	Parts per Billion
ppm	Parts per Million
ppm/2h	Parts per Million per 2 Hours
ppm/6h	Parts per Million per 6 Hours
psi	Pounds per Square Inch
R	Rankine
RCP	Reciprocal Calculation Procedure
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
tne	Tonne

TWA	Time Weighted Average
Ug/24H	Micrograms per 24 Hours
UN	United Nations
wt	Weight

Further Information

The information in this safety data sheet is to the best of our knowledge true and accurate at the date of publication. All data, instructions, and recommendations and/or suggestion are made without guarantee.

In all cases, it is the responsibility of the users to determine the applicability of such information and recommendations, and the suitability of any products for their own particular purpose. Accordingly, Adelaide Moulding and Candle Supplies assumes no liability whatsoever for the use of or reliance upon this information or for any damage resulting from handling or from contact with the product.

The Material Safety Data Sheet is intended to provide information for a health and safety assessment of the material. This document is not intended for quality assurance purposes.