

SAFETY DATA SHEET

Radiance - Chroma Foam (Sapphire)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. **Product identifier**

> Trade name: Radiance - Chroma Foam (Sapphire)

Product no.: MBRAD-CF02

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or Cleaning product

mixture: Restricted to professional users.

For professional use only. This product is not recommended for any Uses advised against:

industrial, professional or consumer use other than the identified

uses above

1.3. Details of the supplier of the safety data sheet

> Company and address: **Autosmart Australia**

> > 11 Darrambal Close NSW 2283 Rathmines

1.0

Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST)

autosmart@autosmartaustralia.com.au

Russell Butler Contact person:

E-mail: SHREQ@autosmart.co.uk

SDS date: 11/3/2025 SDS Version:

1.4. **Emergency telephone number**

In an Emergency call 000

NCEC - For Chemical Emergency Support ONLY (spill, leak, fire, exposure or accident), Call NCEC at 1800 074 234 (toll free 24Hrs) - when calling please quote "AUTOSMART 29003-NCEC"

Local number +61 (0)2 8 014 4558

General Information. Transport Information. Mild medical Information:-Autosmart Australia, Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST)

National Emergency Telephone Number:

In less severe situations call the Poisons Information Centre / Poison Information Hotline: 13 11 26 (Available 24/7 from anywhere is Australia)

SECTION 2: HAZARDS IDENTIFICATION

This material is considered hazardous according to the Work Health and Safety Regulations.

2.1. Classification of the substance or mixture

Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements



Hazard pictogram(s):

E Z

Signal word: Danger

Hazard statement(s): Causes serious eye damage. (H318)

Precautionary statement(s):

General: -

Prevention: Wear eye protection/protective gloves. (P280)

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

(P305+P351+P338)

Immediately call a POISON CENTER/doctor. (P310)

Storage:

Disposal: -

Hazardous substances: Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-

coco acyl derivs., hydroxides, inner salts

Additional labelling: Not applicable.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance:	Identifiers:	% w/w:	Classification:	Note:
Sulfuric acid, mono-C12-14- alkyl esters, sodium salts	CAS No.: 85586-07-8 EC No.: 287-809-4	5-10%	Acute Tox. 4, H302 (ATE: 1800.00 mg/kg) Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 20.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	
1-Propanaminium, 3-amino- N-(carboxymethyl)-N,N- dimethyl-, N-coco acyl derivs., hydroxides, inner salts	CAS No.: 61789-40-0 EC No.: 263-058-8	3-5% Eye Dam. 1, H318		[19]
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	CAS No.: 127-51-5 EC No.: 204-846-3	<0.25%	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	
licareol; (R)-3,7-dimethyl-1,6- octadien-3-ol; l- linalool;coriandrol; (S)-3,7- dimethyl-1,6-octadien-3-ol; d- linalool;linalool; 3,7-dimethyl- 1,6-octadien-3-ol; dl-linalool	dien-3-ol; l- ool;coriandrol; (S)-3,7- ethyl-1,6-octadien-3-ol; d- ool;linalool; 3,7-dimethyl-			
Citronellol	CAS No.: 106-22-9 EC No.: 203-375-0	<0.1%	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	



See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information: In the case of accident: Contact a doctor or casualty department –

bring the label or this safety data sheet.

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or

other drink.

Inhalation: Upon breathing difficulties or irritation of the respiratory tract: Bring

the person into fresh air and stay with him/her.

Skin contact: Upon irritation: rinse with water. In the event of continued irritation,

seek medical assistance.

Eye contact: If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for

at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing

during transport.

Ingestion: If the person is conscious, rinse the mouth with water and stay with

the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited

material.

Burns: Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure call the NSW Poisons Information Centre on 13 11 26 (Available 24/7) in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES



6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material: Keep only in original packaging.

Storage conditions: 5 - 30°C

Incompatible materials: Strong acids, strong bases, strong oxidizing agents, and strong

reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one

Long term exposure limit (8 hours) (ppm): 50 Long term exposure limit (8 hours) (mg/m³): 270 Short term exposure limit (15 minutes) (ppm): 100 Short term exposure limit (15 minutes) (mg/m³): 541

Workplace exposure standards for airborne contaminants (Safe Work Australia).

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations: Smoking, drinking and consumption of food is not allowed in the

work area.

Exposure scenarios: There are no exposure scenarios implemented for this product.

Exposure limits: Professional users are subjected to the legally set maximum

concentrations for occupational exposure. See occupational hygiene

limit values above.

Appropriate technical measures: The formation of vapours must be kept at a minimum and below

current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is

recommended. Ensure eyewash and emergency showers are clearly

marked.



Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid

inhalation of vapours.

Hygiene measures: In between use of the product and at the end of the working day all

exposed areas of the body must be washed thoroughly. Pay special

attention to hands, forearms and face.

Measures to avoid environmental exposure: No specific requirements.

Individual protection measures, such as personal protective equipment

Generally: Use only protective equipment that carries the RCM symbol.

Respiratory Equipment:

Type:	Class:	Colour:	Standards:	:
No special when used as intended.				

Skin protection:

Recommended:	Type/Category:	Standards:	:
No special when used as intended.	-	-	

Hand protection:

Material:	Glove thickness (mm):	Breakthrough time (min.):	Standards:	:
Nitrile	0,2	> 30	EN374-2, EN374-3, EN388	

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. The breakthrough time for any glove material may be different for different glove manufacturers. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended. The choice of protective gloves depends upon the chemicals being handled, and the conditions of work and use. When used with mixtures, the protection time of gloves cannot be accurately estimated. Gloves made from the following material may provide suitable chemical protection: Nitrile rubber. Thickness: > 0.2 mm The selected gloves should have a breakthrough time of at least 2 hours. Glove thickness is not necessarily a good measure of glove resistance as the permeation rate will depend on the exact glove composition. Repeated exposure to chemicals will degrade the ability of the glove to provide resistance to chemicals. Specific work environments and material handling practices may vary, therefore safety procedures should be developed for each intended application. Use thin cotton gloves inside natural rubber gloves if there is an allergy risk to natural rubber.

Eye protection:

 zye procediom				
Туре:	Standards:	:		
Safety glasses with side shields.	EN ISO 16321-1			

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment that provides appropriate eye and face protection should be worn. Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties



Form: Liquid
Colour: Blue
Odour: Fruity

Odour threshold (ppm): No data available. pH: No data available.

Density (g/cm³): 1.065

Relative density: 1.065 (20 °C)

Kinematic viscosity: 1 centistokes (20 °C) *Particle characteristics:* Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C): No data available.

Softening point/range (°C): Does not apply to liquids.

Boiling point (°C):

Vapour pressure:No data available.Relative vapour density:No data available.Decomposition temperature (°C):No data available.

Data on fire and explosion hazards

Flash point (°C):

Flammability (°C):

No data available.

No data available.

No data available.

Explosion limits (% v/v):

No data available.

Solubility

Solubility in water:

n-octanol/water coefficient (LogKow):

No data available.

No data available.

No data available.

9.2. Other information

VOC (g/L): 2

Other physical and chemical parameters: No data available.

Oxidizing properties: No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.



SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Species: Rat Route of exposure: Oral LD50 Test: 1,800 mg/kg Result:

Product/substance Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Species: Rat Route of exposure: Dermal LD50 Test: 2001 mg/kg Result:

Product/substance Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Species: Rat Route of exposure: Oral

NOAEL Test: 488 mg/kg Result:

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides,

inner salts Test method: **OECD 401** Rat

Species: Route of exposure: Oral LD50 Test: Result:

> 2335 mg/kg

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides,

inner salts Test method: **OECD 402** Rat

Species: Route of exposure: Dermal Test: LD50 Result: >2000 mg/kg

Product/substance 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one

Species: Rat Route of exposure: Oral LD50 Test:

Result: >5000 mg/kg

Product/substance 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one

Species: Rabbit Route of exposure: Dermal LD50 Test:

Result: >5000 mg/kg

licareol; (R)-3,7-dimethyl-1,6-octadien-3-ol; l-linalool; coriandrol; (S)-3,7-dimethyl-1,6-octadien-3-ol; Product/substance

d-linalool; linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool

Species: Rat Route of exposure: Oral Test: LD50

Result: = 2790 mg/kg

Product/substance licareol; (R)-3,7-dimethyl-1,6-octadien-3-ol; l-linalool; coriandrol; (S)-3,7-dimethyl-1,6-octadien-3-ol;

d-linalool; linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool

Rat Species: Route of exposure: Dermal



Test: LD50

Result: = 5610 mg/kg

Product/substance Citronellol
Species: Rat
Route of exposure: Oral
Test: LD50

Result: = 3450 mg/kg

Product/substance Citronellol Species: Rabbit Route of exposure: Dermal

Test: LD50 Result: = 2650 mg/kg

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Species: Fish, Oncorhynchus mykiss

Duration: 96 hours
Test: LC50
Result: 3.6 mg/L

Product/substance Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Species: Daphnia, Daphnia magna

Duration: 48 hours
Test: EC50
Result: 4.7 mg/L

Product/substance Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Species: Algae, Desmodesmus subspicatus

Duration: 72 hours Test: EC50



Result: 20.1 mg/L

Product/substance Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Species: Fish, Pimephales promelas

Test: NOEC Result: 1357 mg/L

Product/substance Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Species: Algae, Desmodesmus subspicatus

Duration: 72 hours
Test: EC50
Result: 5.4 mg/L

Product/substance Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Species: Algae, Desmodesmus subspicatus

Duration: 72 hours
Test: EC10
Result: 5.4 mg/L

Product/substance Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Species: Crustacean, Ceriodaphnia dubia

Duration: 7 days
Test: NOEC
Result: 0.508 mg/L

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides,

inner salts

Test method: OECD 203

Species: Fish, Pimephales promelas

Duration: 96 hours Test: LC50

Result: > 1 to <= 10 mg/L

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides,

inner salts

Test method: OECD 202

Species: Crustacean, Daphnia magna

Duration: 48 hours Test: EC50

Result: > 1 to <= 10 mg/L

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides,

inner salts

Test method: OECD 201

Species: Algae, Desmodesmus subspicatus

Duration: 72 hours Test: ErC50

Result: > 1 to <= 10 mg/L

12.2. Persistence and degradability

Product/substance Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Result: 75.7 %

Conclusion: Readily biodegradable

Test: OECD 301 B

Product/substance Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Duration: 28 days Result: 90.1 %

Conclusion: -

Test: OECD 301 D

12.3. Bioaccumulative potential

Based on available data, the classification criteria are not met.



12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

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

Specific labelling

Contaminated packing

SECTION 14: TRANSPORT INFORMATION

:		14.2 UN proper shipping name:			Env**:	Other informatio n::
ADG	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

^{*} Packing group

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

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

Restrictions for application: Restricted to professional users.

Demands for specific education:

No specific requirements.

Control of major hazard facilities: Not applicable.

Additional information: Not applicable.

The Australian Inventory of Industrial

Chemicals (AIIC):

Sulfuric acid, mono-C12-14-alkyl esters, sodium salts is listed 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-

coco acyl derivs., hydroxides, inner salts is listed

3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one is listed licareol; (R)-3,7-dimethyl-1,6-octadien-3-ol; l-linalool;coriandrol; (S)-3,7-dimethyl-1,6-octadien-3-ol; d-linalool;linalool; 3,7-dimethyl-1,6-

octadien-3-ol; dl-linalool is listed

Citronellol is listed

SUSMP: No Poison Schedule Allocated

Sources: Model Work Health and Safety Regulations as at 1 January 2021.

15.2. Chemical safety assessment

^{**} Environmental hazards



No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ADG = The Australian Code for the Transport of Dangerous Goods by Road & Rail

AICIS = Australian Industrial Chemicals Introduction Scheme

AIIC = Australian Inventory of Industrial Chemicals

AS = Australian Standard

AS/NZS = Australian New Zealand Standard

ATE = Acute Toxicity Estimate

AUH = Hazard statements specific for Australia

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

EINECS = European Inventory of Existing Commercial chemical Substances

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

Hazchem = Hazardous chemicals

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the

Protocol of 1978. (""Marpol"" = marine pollution)

NICNAS = National Industrial Chemicals Notification and Assessment Scheme (replaced by AICIS since 2020)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

RCM = Regulatory Mark of Conformity

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

SCL = A specific concentration limit

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

WHS = Work Health and Safety Regulations

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by the Work Health and Safety Regulations.

The safety data sheet is validated by

Adrian

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.



Country-language: AU-en