

GALAXOLIDE 50% I.P.M.

CERTIFICATE OF ANALYSIS

| PRODUCT IDENTIFICATION | |
|------------------------|-----------------------|
| PRODUCT NAME | GALAXOLIDE 50% I.P.M. |
| MOLECULAR FORM | |
| MOLECULAR WT | |
| MELTING POINT (C) | |
| BOILING POINT (C) | |
| FLASH POINT (F) | 212 deg F |
| SHELF LIFE (DAYS) | |
| BEST BEFORE DATE | JULY 2025 |
| BATCH NUMBER | 4476908 |
| | |

| PHYSICAL SPECIFICATIONS RANGE RESULTS | | | |
|---------------------------------------|--|----------|--|
| APPEARANCE | CLEAR COLORLESS TO SLIGHT OFF-WHITE | CONFORMS | |
| | LIQUID | | |
| ODOR | CHARACTERISTIC OF POWERFUL, PERSISTENT | CONFORMS | |
| | MUSK | | |
| SPECIFIC GRAVITY (25C) | 0.9380 to 0.9500 | 0.9460 | |
| REFRACTIVE INDEX (20C) | 1.4880 to 1.4980 | 1.4942 | |
| JS II | RANGE | RESULTS | |
| GC ANALYSIS | PROFILE TO MATCH STANDARD | CONFORMS | |
| PURITY (BY GC) | GALAXOLIDE PEAK: 48 - 52% | 50.05% | |
| STABILITY | | | |

STABLE UNDER NORMAL CONDITIONS

STORAGE

STORE IN COOL DRY PLACE AWAY FROM HEAT AND SUNLIGHT.
SHELF LIFE CONSIDERATIONS APPLY ONLY FOR ORIGINAL UNOPENED CONTAINERS



FRAGRANCE ALLERGENS

Madar Corporation Limited hereby certifies that:

GALAXOLIDE 50% IPM

Contains the following fragrance allergens as detailed in the 7th Amendment to the EU Cosmetic Directive 76/768/EEC:

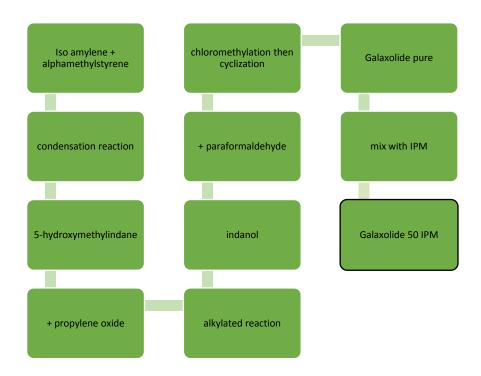
| | Allergen | CAS number | Content % |
|----|--|-------------|-----------|
| 1 | Alpha isomethylionone | 127-51-5 | - |
| 2 | Amyl cinnamal | 122-40-7 | - |
| 3 | Amylcinnamyl alcohol | 101-85-9 | - |
| 4 | Anisyl alcohol | 105-13-5 | - |
| 5 | Benzyl alcohol | 100-51-6 | - |
| 6 | Benzyl benzoate | 120-51-4 | - |
| 7 | Benzyl cinnamate | 103-41-3 | - |
| 8 | Benzyl salicylate | 118-58-1 | - |
| 9 | Butylphenyl methylpropional (Lilial) | 80-54-6 | - |
| 10 | Cinnamal | 104-55-2 | - |
| 11 | Cinnamyl alcohol | 104-54-1 | - |
| 12 | Citral | 5392-40-5 | - |
| 13 | Citronellol | 106-22-9 | - |
| 14 | Coumarin | 91-64-5 | - |
| 15 | Eugenol | 97-53-0 | - |
| 16 | Farnesol | 4602-84-0 | - |
| 17 | Geraniol | 106-24-1 | - |
| 18 | Hexyl cinnamal | 101-86-0 | - |
| 19 | Hydroxycitronellal | 107-75-5 | - |
| 20 | Hydroxyisohexyl 3-cyclohexene carboxaldehyde (Lyral) | 31906-04-4 | - |
| 21 | Isoeugenol | 97-54-1 | - |
| 22 | Limonene | 5989-27-5 | - |
| 23 | Linalool | 78-70-6 | - |
| 24 | Methyl 2-octynoate | 111-12-6 | - |
| 25 | Evernia furfuracea (Treemoss) extract | 90028-67-4 | - |
| 26 | Evernia prunastri (Oakmoss) extract | 90028-68-55 | - |

(All absent)



PROCESS FLOW CHART

GALAXOLIDE 50 IPM



Madar Corporation Limited hereby certifies that the products has no added antioxidants, diluents, colorants or preservatives.



GMO CERTIFICATE

Madar Corporation Limited hereby certifies that:

GALAXOLIDE 50% IPM

to the best of its knowledge does not derive from a genetically modified source (GMO) as specified in Regulation (EC) No 1829/2003 nor have GMO materials been used in its manufacture or as additives.



IFRA CERTIFICATE

GALAXOLIDE 50 IPM

Madar Corporation Limited hereby certifies that the above material complies with the requirements of the INTERNATIONAL FRAGRANCE ASSOCIATION - IFRA-48th Amendment / published June 10th 2015) provided it is used in following application (class) at a maximum concentration level of:

| IFRA category | Maximum level of use (%) |
|---------------|--------------------------|
| Class 1 | Not suitable |
| Class 2 | Not restricted |
| Class 3A | Not restricted |
| Class 3B | Not restricted |
| Class 3C | Not restricted |
| Class 3D | Not restricted |
| Class 4A | Not restricted |
| Class 4B | Not restricted |
| Class 4C | Not restricted |
| Class 4D | Not restricted |
| Class 5 | Not restricted |
| Class 6 | Not suitable |
| Class 7A | Not restricted |
| Class 7B | Not restricted |
| Class 8A | Not restricted |
| Class 8B | Not restricted |
| Class 9A | Not restricted |
| Class 9B | Not restricted |
| Class 9C | Not restricted |
| Class 10A | Not restricted |
| Class 10B | Not restricted |
| Class 11 | Not restricted |

The above values were calculated based on the following IFRA restricted materials: <none contained>

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

It is the ultimate responsibility of our customer to ensure the safety of the final product by further testing if need be. Evaluation of the Fragrance ingredient was made according to the safety requirements contained in the relevant section of the IFRA Code of Practice.

| IFRA category includes | IFRA category |
|---|---------------|
| Toys (****) | Class 1A |
| Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured etc)(****) | Class 1B |
| Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc) | Class 2 |
| Hydroalcoholic products applied to recently shaved skin (EdT range) | Class 3A |
| Hydroalcoholic products applied to recently shaved skin (fine fragrance range) | Class 3B |
| Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc) Men's Facial Creams, Balms, Wipes, Refreshing Tissues | Class 3C |
| Tampons | Class 3D |
| Hydroalcoholic Products applied to unshaved skin (EdT range) Ingredients of Perfume Kits, Scent Strips for Hydroalcoholic Products, "scratch and sniff", other paper products | Class 4A |
| Hydroalcoholic Products applied to unshaved skin, Fine Fragrance range | Class 4B |
| Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc). Hair Deodorant Body Creams, Oils, Lotions of all types (including baby creams, lotions, oils) Fragrance Compounds for Cosmetic Kits, Foot Care Products | Class 4C |
| Fragrancing Creams of all types | Class 4D |
| Women's Facial Creams/Facial Make-up/Facial Wipes. Facial Masks, Hand Cream | Class 5A |
| Mouthwash, Toothpaste (****) | Class 6 |
| Intimate Wipes, Baby Wipes, Insect Repellent intended to be applied on the skin | Class 7 |
| Make-up Removers of all types (not including face cleansers) Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners etc) Nail Care, all Powders & Talcs (including baby powders and talcs) | Class 8 |
| Liquid Soap, Bar Soap (toilet soap), Depilatory, Conditioner (rinse-off), Shampoos of all types (including baby shampoos) Face Cleansers of all types (washes, gels, scrubs, etc) Shaving Creams of all types (stick, gels, foams, etc) Body Washes of all types (including baby washes) and Shower Gels of all types Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater | Class 9A |
| Feminine pads/Liners | Class 9B |
| Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray) | Class 9C |
| Hand wash/Machine Wash Laundry Detergents of all types (liquid, powder, tablet, etc) including Laundry Bleaches Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc), Dry Cleaning Kits | Class 10A |
| Fabric Softeners of all types including softener sheets. Hand Dishwashing Detergent. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc), Shampoos for pets | |
| Diapers | Class 10B |
| All non-skin contact, including: Air Fresheners and fragrancing of all types (excluding aerosol products): plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etcexcluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints. | Class 11A |
| All incidental skin contact, including: Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquitabs) Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder) Pot pourri, fragrancing sachets, liquid refills for air fresheners, etc Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols); Treated Textiles; Odoured Distilled Water | Class 11B |

(****) Fragrance materials for use in these applications need also FEMA-GRAS conformity.



Safety Data Sheet

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Product name GALAXOLIDE 50% IPM

Issue date 26-Mar-2015 Revision date 01-Dec-2020 Version 6

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Product name GALAXOLIDE 50% IPM

EC No. 214-946-9 (Galaxolide) **CAS No** 1222-05-5 (Galaxolide)

Chemical Name 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta(G)-2-benzopyran (Galaxolide)

Synonyms Musk 50 Pure substance/mixture Mixture

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

Uses advised against

No information available

1.3. Details of the supplier of the safety data sheet

Supplier
Madar Corporation Limited
19 - 20 Sandleheath Industrial Estate
Fordingbridge
SP6 1PA

Tel: (+44) 1425 655 555

For further information, please contact

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Contact Point

E-mail address technical@madarcorporation.co.uk

1.4. Emergency telephone number

Emergency telephone CHEMTREC

Emergency telephone - +1-703-741-5970

Europe CCN# 17256

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

| Acute aquatic toxicity | Category 1 - (H400) |
|--------------------------|---------------------|
| Chronic aquatic toxicity | Category 1 - (H410) |

2.2. Label Elements

Product identifier



Signal word Warning

Hazard statements

H410 - Very toxic to aquatic life with long lasting effects

Precautionary Statements

P102 - Keep out of reach of children

P273 - Avoid release to the environment

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

2.3. Other Hazards

H316 - Causes mild skin irritation

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 MIXTURES

Chemical nature

Mixture of organic compounds.

| Chemical Name | EC No. | CAS No. | Weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP] | REACH registration number |
|---------------------|---------|-----------|----------|---|---------------------------------|
| Galaxolide | Present | 1222-05-5 | 50 < 60% | Aquatic Acute 1 (H400) (EFFA) Aquatic Chronic 1 (H410) (EFFA) Skin Irr. 3 (H316) (EFFA) | 01-2119488227-29- XXXX |
| Isopropyl myristate | Present | 110-27-0 | 30 < 40% | Not classified | 01-2119541806-35-XX |

Full text of H- and EUH-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Remove to fresh air.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes. In the case of skin irritation or allergic reactions see a physician.

GALAXOLIDE 50% IPM Revision date 01-Dec-2020

Eye Contact Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while

rinsing. Do not rub affected area. If eye irritation persists: Get medical advice/attention.

Ingestion Clean mouth with water and drink afterwards plenty of water.

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

Symptoms None known.

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

Note to physicians Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media

Use CO2, dry chemical, or foam

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors

Hazardous combustion products Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. Stop leak if you can do it without risk.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Collect spillage.

6.3. Methods and material for containment and cleaning up

Methods for Containment Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth,

diatomaceous earth, vermiculite) and place in container for disposal according to local /

national regulations (see Section 13).

Methods for cleaning up Cover liquid spill with sand, earth or other non-combustible absorbent material. Use

personal protective equipment as required. Dam up. Take up mechanically, placing in

appropriate containers for disposal. Clean contaminated surface thoroughly.

6.4. Reference to other sections

See Section 12: ECOLOGICAL INFORMATION.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes or clothing. Use personal protection recommended in Section 8. Ensure adequate ventilation, especially in confined areas.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Protect from direct sunlight. Keep containers tightly closed in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

Risk Management Methods (RMM)

The information required is contained in this Material Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Derived No Effect Level (DNEL)

No information available

Predicted No Effect Concentration No information available

(PNEC)

8.2. Exposure controls

Engineering controls Showers

Eyewash stations Ventilation systems

Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Eye/Face Protection Wear safety glasses with side shields (or goggles).

Hand protection Wear protective nitrile rubber gloves.

Skin and Body Protection Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls,

as appropriate, to prevent skin contact.

Respiratory protection Ensure adequate ventilation, especially in confined areas. No protective equipment is

needed under normal use conditions. If exposure limits are exceeded or irritation is

experienced, ventilation and evacuation may be required.

Environmental exposure controls Prevent product from entering drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid

AppearanceClearOdorCharacteristic odorColorColorless to almost colorlessOdor thresholdNot applicable

GALAXOLIDE 50% IPM Revision date 01-Dec-2020

Values Remarks • Method **Property**

рΗ

Melting point / freezing point

Boiling point / boiling range

> 100 °C / > 212 °F **Flash Point** CC (closed cup)

Evaporation Rate

Flammability (solid, gas) Flammability Limit in Air Upper flammability limit: Lower flammability limit:

Vapor pressure **Vapor Density**

Specific gravity 0.938 - 0.950 (25°C)

Water solubility solubility(ies)

Partition coefficient **Autoignition Temperature Decomposition temperature**

Kinematic viscosity **Dvnamic viscosity**

Explosive properties Not an explosive **Oxidizing properties** Not oxidising

9.2. Other information

Not applicable Molecular weight VOC content (%) Not applicable **Density** Not applicable **Bulk Density** Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stable under recommended storage conditions.

Explosion data

Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to avoid

Extremes of temperature and direct sunlight.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

None under normal use conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Product Information

Inhalation Avoid breathing vapors or mists.

Eye Contact Avoid contact with eyes.

Skin contact Avoid contact with skin. Causes mild skin irritation.

Ingestion No known hazard by swallowing.

100 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

100 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------|---------------------|-----------------------|--------------------|
| Galaxolide | > 3250 mg/kg (Rat) | > 3250 mg/kg (Rabbit) | |
| Isopropyl myristate | > 10000 mg/kg (Rat) | = 5 g/kg (Rabbit) | > 41 mg/L (Rat)1 h |

Skin corrosion/irritationCauses mild skin irritation.

Serious eye damage/eye irritation Not classified.

Sensitization Not expected to cause skin sensitization.

Germ cell mutagenicity

Not classified.

Carcinogenicity

Not classified.

Reproductive toxicity

This product does not contain any known or suspected reproductive hazards above the

threshold value.

STOT - single exposure Not classified.

STOT - repeated exposure Not classified.

Aspiration hazard Not classified.

SECTION 12: Ecological information

12.1. Toxicity

Very toxic to aquatic life with long lasting effects

50 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name | Crustacea | Algae/aquatic plants | Fish |
|---------------------|-----------------------------------|------------------------------------|-----------------------------------|
| Galaxolide | Short Term: 48hr EC50 - 0.3mg/L | 72hr EC50 (growth) > 854ug/L; 72hr | Short Term: 96hr EC50 - 0.95mg/l |
| | (Daphnia magna), Long Term: | EC50 (biomass) - 723ug/L; NOEC | (Medaka larvae), Long Term: LOEC |
| | NOEC - 0.038mg/l; LOEC - | (growth) - 201 ug/L | - 0.140mg/l, NOEC - 0.068mg/l and |
| | 0.075mg/l; EC10 - 0.044mg/l; EC50 | (Pseudokirchneriella subcapitata) | LC50 > 0.140mg/l (Fathead |
| | - 0.115mg/l (Acartia tonsa) | | minnow) |
| Isopropyl myristate | 100: 48 h Daphnia magna mg/L | | 8400: 96 h Brachydanio rerio mg/L |
| | EC50 | | LC50 8400: 96 h Brachydanio rerio |
| | | | mg/L LC50 semi-static |

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

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12.6. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from Residues/Unused

Products

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated packaging

Do not reuse container. Improper disposal or reuse of this container may be dangerous and

legal.

SECTION 14: Transport information

<u>IMDG</u>

14.1 UN/ID no 3082

14.2 Proper Shipping Name Environmentally Hazardous Substance, liquid n.o.s.

14.3 Hazard Class914.4 Packing groupIII

Description (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran)

14.5 Marine pollutant

This product contains a chemical which is listed as a severe marine pollutant according to

IMDĠ/IMO

Environmental hazard Yes

14.6 Special Provisions 274, 335, 969 EmS-No F-A, S-F 14.7 Transport in bulk according to IBC02

Annex II of MARPOL 73/78 and the

IBC Code

<u>RID</u>

14.1 UN/ID no 3082

14.2 Proper Shipping Name Environmentally Hazardous Substance, liquid n.o.s.

14.3 Hazard Class914.4 Packing groupIII

Description (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran)

14.5 Environmental hazardYes14.6 Special ProvisionsNone

ADR

14.1 UN/ID no 3082

14.2 Proper Shipping Name Environmentally Hazardous Substance, liquid n.o.s.

14.3 Hazard Class 9

Labels 9. Marine Pollutant

14.4 Packing group

Description (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran)

14.5 Environmental hazard Yes

14.6 Special Provisions 274, 335, 375, 601

Classification code M6
Tunnel restriction code (-)

ICAO (air)

14.1 UN/ID no 3082

14.2 Proper Shipping Name Environmentally Hazardous Substance, liquid n.o.s.

14.3 Hazard Class 9
14.4 Packing group III

Description (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran)

14.5 Environmental hazard Yes 14.6 Special Provisions None

<u>IATA</u>

14.1 UN/ID no 3082

14.2 Proper Shipping Name Environmentally Hazardous Substance, liquid n.o.s.

14.3 Hazard Class 9 **14.4 Packing group** III

Description (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran)

14.5 Environmental hazard Yes

14.6 Special Provisions A97, A158, A197

ERG Code 9L

SECTION 15: Regulatory information

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

Water hazard class (WGK) Hazardous to water (WGK 2)

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorization and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

Full text of H-Statements referred to under section 3

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

Issue date 26-Mar-2015

Revision date 01-Dec-2020

Revision note

Not applicable.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

This material has not been tested or proven safe for inhalation. With this document, Madar Corporation Limited only attests to the safety of the product when used in the appropriate and suitable fragrance/flavor industry application.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information 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 process, unless specified in the text Classification and labeling according to the IFRA/IOFI Labeling Manual 2019

End of Safety Data Sheet

PRODUCT SPECIFICATION



GALAXOLIDE 50% I.P.M.

GAL0006

FEMA#:

PRODUCT IDENTIFICATION

PRODUCT NAME GALAXOLIDE 50% I.P.M.

MOLECULAR FORM

MOLECULAR WT

MELTING POINT (C)

BOILING POINT (C)

FLASH POINT (F) 212 deg F

SHELF LIFE (DAYS) 730

| PHYSICAL SPECIFICATIONS | RANGE | METHOD |
|---------------------------|---|--------------|
| APPEARANCE | CLEAR COLORLESS TO SLIGHT OFF-WHITE LIQUID | VISUAL |
| ODOR | CHARACTERISTIC OF POWERFUL, PERSISTENT MUSK | ORGANOLEPTIC |
| SPECIFIC GRAVITY (25C) | 0.9380 to 0.9500 | FCC METHOD |
| REFRACTIVE INDEX (20C) | 1.4880 to 1.4980 | FCC METHOD |
| ANALYTICAL SPECIFICATIONS | RANGE | METHOD |
| GC ANALYSIS | PROFILE TO MATCH STANDARD | CHEM_20.M |
| PURITY (BY GC) | GALAXOLIDE PEAK: 48 - 52% | |

STABILITY

STABLE UNDER NORMAL CONDITIONS

STORAGE

STORE IN COOL DRY PLACE AWAY FROM HEAT AND SUNLIGHT.
SHELF LIFE CONSIDERATIONS APPLY ONLY FOR ORIGINAL UNOPENED CONTAINERS

Date Revised: 25/06/2019



VEGAN / VEGETARIAN DECLARATION

Madar Corporation Limited hereby certifies that:

GALAXOLIDE 50% IPM

to the best of our knowledge is suitable for both vegan and vegetarian diets.