



ISO0038

CAS#: 1335-66-6

ISO CYCLOCITRAL

BATCH NUMBER:

4496607

FEMA#:

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION

PRODUCT NAME!	ISO CYCLOCITRAL!
MOLECULAR FORM!	C ₁₀ H ₁₆ O
MOLECULAR WT!	152.23
MELTING POINT (C)!	
BOILING POINT (C)!	
FLASH POINT (F)!SHELF	151 deg F
LIFE (DAYS)!	1095
BEST BEFORE DATE	February 2026

PHYSICAL SPECIFICATIONS	RANGE	RESULTS
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APPEARANCE	CLEAR, COLOURLESS TO PALE YELLOW LIQUID!	
SPECIFIC GRAVITY (25C)	0.9140 to 0.9230	
REFRACTIVE INDEX (20C)	1.4680 to 1.4725	

ANALYTICAL SPECIFICATIONS	RANGE
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PURITY (BY GC)	98.0% MINIMUM
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STABILITY

STABLE UNDER NORMAL CONDITIONS

STORAGE

STORE IN COOL DRY PLACE AWAY FROM HEAT AND SUNLIGHT



DECLARATION of COMMON FOOD ALLERGENS in ACCORDANCE with the EU and USA LEGISLATION

Madar Corporation Limited hereby certify that the below named ingredient contains the following allergic or sensitizing components as indicated on the chart below. It is also indicated if the named ingredient is produced on shared equipment with other allergens or sensitizers.

ISOCYCLO CITRAL

Allergic Food Source or it's Derivative	Does this Ingredient Contain any Foods Listed in Column 1	Provide the Specific Food (Ex. Soy, lecithin, peanut extract, fish gelatin, etc.)	Is this Ingredient on Shared Equipment with other Products Containing Foods from Column (1)
	Yes / No	Common or Unusual Name	Yes / No
Cereals containing gluten and products thereof	NO		NO
Soybeans and products thereof	NO		NO
Peanuts and products thereof	NO		NO
Tree nuts and products thereof	NO		NO
Celery and products thereof	NO		NO
Beef and products thereof	NO		NO
Chicken and products thereof	NO		NO
Pork and products thereof	NO		NO
Gelatin and products thereof	NO		NO

Date of issue: 09/09/2020

Apple and products thereof	NO		NO
Kiwi and products thereof	NO		NO
Orange and products thereof	NO		NO
Peach and products thereof	NO		NO
Banana and products thereof	NO		NO
Matsutake Mushroom and products thereof	NO		NO
Yam and products thereof	NO		NO
Mustard and products thereof	NO		NO
Sesame seeds and products thereof	NO		NO
Crustaceans, shellfish and products thereof	NO		NO
Mollusks and products thereof	NO		NO
Milk and products thereof	NO		NO
Eggs and products thereof	NO		NO
Fish and products thereof	NO		NO
Lupin and products thereof	NO		NO
Sulfur dioxide and sulfites at concentrations of more than 10ppm expressed as SO ₂	NO		NO
Tartrazine (Yellow #5)	NO		NO



CMR DECLARATION

Madar Corporation Limited hereby certifies that:

ISO CYCLOCITRAL

contains the following components listed as carcinogenic, mutagenic or toxic for reproduction in Annex VI
Part 3 of Regulation (EC) 1272/2008

Substance	Content	Classification
None		



GMO STATEMENT

Madar Corporation Limited hereby certifies that:

ISO CYCLOCITRAL

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. It requires no special labelling or traceability with regards to GMO as outlined in Regulation (EC) No 1830/2003.

IFRA CERTIFICATE

ISOCYCLO CITRAL

Madar Corporation Limited hereby certifies that the above material complies with the requirements of the INTERNATIONAL FRAGRANCE ASSOCIATION - IFRA-49th Amendment / published January 10th 2020) provided it is used in following application (class) at a maximum concentration level of:

IFRA category	Maximum level of use (%)
Class 1	0.54%
Class 2	0.16%
Class 3	3.2%
Class 4	3.0%
Class 5A	0.76%
Class 5B	0.76%
Class 5C	0.76%
Class 5D	0.76%
Class 6	1.8%
Class 7A	6.1%
Class 7B	6.1%
Class 8	0.32%
Class 9	5.9%
Class 10A	21.0%
Class 10B	21.0%
Class 11A	12.0%
Class 11B	12.0%
Class 12	Not restricted

The above values were calculated based on the following IFRA restricted materials: <isocyclo citral - 100%>

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
Children's toys, Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured etc...) (****)	Class 1
Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc...), Body sprays (including body mist)	Class 2
Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer; Facial make up and foundation; Make-up remover for face and eyes; Nose pore strips; Wipes or refreshing tissues for face, neck, hands, body; Body and face paint (for children and adults); Facial masks for face and around the eyes	Class 3
Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types, etc.); Fragranced bracelets; Ingredients of perfume kits and fragrance mixtures for cosmetic kits; Scent pads, foil packs; Scent strips for hydroalcoholic products	Class 4
Body creams, oils, lotions of all types; Foot care products (creams and powders); Insect repellent (intended to be applied to the skin); All powders and talc (excluding baby powders and talc)	Class 5A
Facial toner; Facial moisturizers and creams	Class 5B
Hand cream; Nail care products including cuticle creams, etc.	Class 5C
Baby cream/lotion, baby oil, baby powders and talc	Class 5D
Mouthwash, including breath sprays; Toothpaste; Toothpowder, strips, mouthwash tablets (****)	Class 6
Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes	Class 7A
Hair sprays of all types (pumps, aerosol sprays, etc.); Hair styling aids non sprays (mousse, gels, leave-on conditioners); Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes; Shampoo - Dry (waterless shampoo); Hair deodorizer	Class 7B
Intimate wipes; Tampons; Baby wipes; Toilet paper (wet)	Class 8
Bar Soap; Shampoo off all type; Cleanser for face (rinse off); Conditioner (rinse off); Liquid Soap; Body washes and shower gels of all types; Baby wash, bath, shampoo; Bath gels, foams, mousses, salts, oils and other products added to bathwater; Foot care products (feet are placed in a bath for soaking); Shaving creams of all types (stick, gels, foams, etc.); All depilatories (including facial) and waxes for mechanical hair removal; Shampoos for pets	Class 9
Hand wash laundry detergent (including concentrates); Laundry pre-treatment of all types (e.g. paste, sprays, sticks); Hand dishwashing detergent (including concentrates); Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.); Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates; Dry cleaning kits; Toilet seat wipes; Fabric softeners of all types including fabric softener sheets; Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics); Floor wax; Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc; Ironing water (Odorized distilled water)	Class 10A
Animal sprays – sprays applied to animals of all types; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides	Class 10B
Feminine hygiene conventional pads, liners, interlabial pads; Diapers (baby and adult); Adult incontinence pant, pad; Toilet paper (dry);	Class 11A
Tights with moisturizers; Scented socks, gloves; Facial tissues (dry tissues); Napkins; Paper towels; Wheat bags; Facial masks (paper/protective) e.g. surgical masks not used as medical device; Fertilizers, solid (pellet or powder)	Class 11B
Candles of all types (including encased); Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods); Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals); Air delivery systems; Cat Litter; Cell phone cases; Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders); Fuels; Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays; Joss sticks or incense sticks; Dishwash detergent and deodorizers – for machine wash; Olfactive board games; Paints; Plastic articles (excluding toys); Scratch and sniff; Scent pack; Scent delivery system (using dry air technology); Shoe polishes; Rim blocks (Toilet)	Class 12

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

Date of issue: 09/09/2020



STATEMENT OF ORIGIN

Madar Corporation Limited hereby certifies that:

ISO CYCLOCITRAL

Originates from and is produced in CHINA

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

Product name ISO CYCLO CITRAL

Issue date 16-Jan-2020

Revision date 21-Aug-2020

Version 3

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

1.1. Product Identifier

<i>Product name</i>	ISO CYCLO CITRAL
EC No.	215-638-7
CAS No	1335-66-6
Chemical Name	4,5,6-Trimethylcyclohex-3-ene-1-carbaldehyde
Pure substance/mixture	Substance
Contains Isocyclocitral	
Formula	C ₁₀ H ₁₆ O
Molecular weight	152.23

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

Sold to the general public?	No
Recommended Use	Industry Use

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

Contact Point	technical@madarcorporation.co.uk
E-mail address	

1.4. Emergency telephone number

Emergency telephone	CHEMTREC
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Emergency telephone - +1-703-741-5970
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Europe	CCN# 17256
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Skin sensitization	Category 1B - (H317)
Chronic aquatic toxicity	Category 3 - (H412)

2.2. Label Elements**Product identifier**

Contains Isocyclocitral

**Signal word**

Warning

Hazard statements

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

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

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

H227 - Combustible liquid H303 - May be harmful if swallowed H401 - Toxic to aquatic life

SECTION 3: Composition/information on ingredients**3.1 Substances****Chemical nature**

Aliphatic aldehyde.

Chemical Name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Isocyclocitral	Present	1335-66-6	100	Aquatic Acute 2 (H401) (ECHA) Skin Sens. 1 (H317) (ECHA) Eye Irrit. 2 (H319) (ECHA) Skin Irrit. 2 (H315) (ECHA) Aquatic Chronic 3 (H412) (ECHA) Acute Tox. 5 (H303)(ECHA) Flam. Liq. 4 (H227)(ECHA)	No data available

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	If symptoms persist, call a physician.
Inhalation	Immediate medical attention is not required. If symptoms persist, call a physician. Move to fresh air in case of accidental inhalation of vapors or decomposition products.
Skin contact	Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician. Do NOT induce vomiting.
Self-protection of the first aider	Use personal protective equipment as required.

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

Symptoms	None known.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media

Use Dry chemical Carbon dioxide (CO₂) Water spray (fog) Alcohol resistant 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

Keep product and empty container away from heat and sources of ignition Risk of ignition

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 protective equipment as required. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people

away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up**Methods for Containment**

Prevent further leakage or spillage if safe to do so. Cover with DRY earth, DRY sand or other non-combustible material followed with plastic sheet to minimize spreading or contact with rain.

Methods for cleaning up

Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges.

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**

Use with local exhaust ventilation. All equipment used when handling the product must be grounded. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

General hygiene considerations

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

7.2. Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labeled containers.

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 (PNEC)

No information available

8.2. Exposure controls**Engineering controls**

Showers
Eyewash stations
Ventilation systems

Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Eye/Face Protection

Tight sealing safety goggles.

Hand protection

Wear protective nitrile rubber gloves.

Skin and Body Protection

Suitable protective clothing. Wear chemical resistant clothing such as gloves, apron, boots or whole bodysuits made from neoprene, as appropriate. Antistatic footwear. Gloves made of plastic or rubber.

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	Odor	Characteristic odor
Appearance	Clear	Odor threshold	Not applicable
Color	Yellow		

Property	Values	Remarks • Method
pH		
Melting point / freezing point		
Boiling point / boiling range		
Flash Point	66 °C / 151 °F	
Evaporation Rate		
Flammability (solid, gas)		
Flammability Limit in Air		
Upper flammability limit:		
Lower flammability limit:		
Vapor pressure		
Vapor Density		
Specific gravity	0.914 - 0.923	(25°C)
Water solubility		
solubility(ies)		
Partition coefficient		
Autoignition Temperature		
Decomposition temperature		
Kinematic viscosity		
Dynamic viscosity		
Explosive properties	Not an explosive	
Oxidizing properties	Not oxidising	

9.2. Other information

Molecular weight	152.23
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

Heat, flames and sparks.

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. Causes serious eye irritation.
Skin contact	Avoid contact with skin. May cause an allergic skin reaction. Causes skin irritation.
Ingestion	May be harmful if swallowed.

The following values are calculated based on chapter 3.1 of the GHS document

- 0 % 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
Isocyclocitral	3,220 mg/kg (Rat)		

Skin corrosion/irritation	Irritating to skin.			
Serious eye damage/eye irritation	Causes serious eye irritation.			
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

Toxic to aquatic life

Harmful to aquatic life with long lasting effects

0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

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

No information available.

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 illegal.

SECTION 14: Transport information

IMDG

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Marine pollutant	Not applicable
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

RID

14.1 UN/ID no	Not regulated
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14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

ADR

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

ICAO (air)

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

IATA

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Water hazard class (WGK) Slightly hazardous to water (WGK 1)

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**

H227 - Combustible liquid

H303 - May be harmful if swallowed

H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H401 - Toxic to aquatic life
H412 - Harmful to aquatic life with long lasting effects

Issue date 16-Jan-2020
Revision date 21-Aug-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, Phoenix LLC 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

PRODUCT IDENTIFICATION

PRODUCT NAME	ISO CYCLOCITRAL
MOLECULAR FORM	C10H16O
MOLECULAR WT	152.23
MELTING POINT (C)	
BOILING POINT (C)	
FLASH POINT (F)	151 deg F
SHELF LIFE (DAYS)	365

PHYSICAL SPECIFICATIONS	RANGE	METHOD
APPEARANCE	CLEAR, COLOURLESS TO PALE YELLOW LIQUID	VISUAL
SPECIFIC GRAVITY (25C)	0.9140 to 0.9230	FCC METHOD
REFRACTIVE INDEX (20C)	1.4680 to 1.4725	FCC METHOD

ANALYTICAL SPECIFICATIONS	RANGE	METHOD
PURITY (BY GC)	98.0% MINIMUM	CHEM_20.M

STABILITY

STABLE UNDER NORMAL CONDITIONS

STORAGE

STORE IN COOL DRY PLACE AWAY FROM HEAT AND SUNLIGHT



DIET DECLARATION

We hereby certifies that:

ISOCYCLOCITRAL

To the best of our knowledge is suitable for:

	Yes	No
Ovo-lacto Vegetarians	✓	
Vegetarians	✓	
Vegans	✓	
Coeliacs	✓	
Kosher	✓	
Halal	✓ (Not certified)	
Organic		✓

Date of issue: 07/04/2022