



SAFETY DATA SHEET

METHYL ANTHRANILATE-HYDROXYCITRONELLAL SCHIFF BASE

Issue date: 12-10-2023

Revision # 0

Print date: 02-01-2024

1. IDENTIFICATION

Product Description: METHYL ANTHRANILATE-HYDROXYCITRONELLAL SCHIFF BASE

CAS # 89-43-0

Other means of identification

Qaroma Item # 1121023

Recommended use Concentrated aromatic ingredients which may be used fragrance compounds according to legal and IFRA guidelines.

Recommended restrictions For Manufacturing Use Only

Company

Qaroma Incorporated
8055 TX-60 S
Bay City, TX, 77414
call: 979-244-0100

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name Qaroma Flavor & Fragrance Incorporated
Address 8055 TX-60 S
Bay City, TX, 77414
United States
Telephone For information call: 979-244-0100
E-mail ehsbc@chemicalsinc.com

Emergency phone number 979-244-0100

2. HAZARD(S) IDENTIFICATION

Physical None

<i>Health</i>	H315 - Causes skin irritation
	H319 - Causes serious eye irritation
<i>Environmental</i>	H335 - May cause respiratory irritation
	H411 - Toxic to aquatic life with long lasting effects
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Disposal

Hazard(s) not otherwise classified (HNOC)

Dispose of contents/ container to an approved waste disposal plant.
None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Common name and synonyms	CAS Number	%
METHYL 2-[(7-HYDROXY-3,7-DIMETHYLOCTYLIDENE)AMINO]BENZOATE	hydroxycitronellylidene methyl anthranilate	89-43-0	100

4. FIRST-AID MEASURES

PRECAUTION

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P264 - Wash skin thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid release to the environment.

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

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

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

P332 + P313 - IF SKIN irritation occurs: Get medical advice/attention.

P337 + P313 - IF eye irritation persists: Get medical advice/attention

P362 - Take off contaminated clothing and wash before reuse.

P391 - Collect spillage. Hazardous to the aquatic environment

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

Indication of immediate medical attention and special treatment needed Not available.

General information Provide all the necessary documents regarding this chemical to the physician.

5. FIRE-FIGHTING MEASURES

Extinguisher type Carbon dioxide (CO₂), Dry chemical, Foam. Use of a direct water jet on burning material is not advisable.

Special protective equipment and precautions for firefighters Wear self-contained breathing apparatus for firefighting if necessary.

Firefighting equipment/instruction Standard procedure for chemical fires

Specific methods Use water spray to cool unopened containers.

General fire hazards Static charges generated by emptying package in or near flammable vapor may cause flash fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

Methods and materials for containment and cleaning up Clean up spillage promptly.

Remove ignition sources.

Provide adequate ventilation.

Avoid excessive inhalation of vapor.

Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Prevent product from entering drains.

Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations

Environmental precautions Keep away from drains, soil, and surface and groundwater.

7. HANDLING AND STORAGE

Precautions for safe handling Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

Conditions for safe storage, including any incompatibilities Store in a cool, dry, and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid uncoated metal containers. Keep air contact to a minimum.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure	This substance has no PEL, TLV, or other recommended exposure limit.
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Use explosion-proof ventilation equipment to stay below exposure limits. Adequate ventilation should be provided so that exposure limits are not exceeded.
Eye/face protection	Wear safety glasses with side shields (or goggles). Wear safety glasses with side shields (or goggles). Face shield is recommended.
Hand protection	Use of chemical resistant gloves.
Other	Use proper protective clothing.
Respiratory protection	Make sure to work in proper ventilated room or fume hood while handling this chemical
Thermal Hazard	Wear appropriate thermal protective clothing, when necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow viscous Liquid.
Physical State	Liquid.
Foam	Viscous Liquid
Color	Yellow
Odor	Characteristic.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Boiling point	162.00 °C. @ 101.00 mm Hg
Flash point	201.00 °F. TCC (93.89 °C.)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.004000 mmHg @ 20.00 °C.
Vapor density	10.6
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Insoluble
Partition coefficient (n-octanol/water)	Not available
Shelf life	
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not explosive.
Flammability class	Combustible IIIB estimated
Molecular formula	C18H27NO3
Molecular weight	305.42 g/mol 305.42 g/mol
Oxidizing properties	Not oxidizing.
Specific gravity	1.0579-1.0642

10. STABILITY AND REACTIVITY

Reactivity Chemical stability	product is stable and non-reactive under normal conditions of use, storage, and transport. Material is stable under normal conditions
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use
Conditions to avoid	Avoid heat, sparks, open flames, and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products if stored and handled as indicated.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	Knowledge about health hazard is incomplete.
Skin contact	Mild irritant to skin.
Eye contact	Causes serious eye damage.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical, and toxicological characteristics	Mild skin irritant.
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Information on toxicological effects

Acute toxicity	Not known.
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12. ECOLOGICAL INFORMATION

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data is available
Mobility in soil	No data available.
Other adverse effects	No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.



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13. DISPOSAL

Disposal instructions	Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways, or ditches with chemical or used containers. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Waste from residues	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after the container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORTATION

ADN	Not regulated as dangerous goods.
ADR	Not regulated as dangerous goods.
RID	Not regulated as dangerous goods.
DOT	
BULK	Not regulated as dangerous goods.
DOT	
NON-BULK	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.



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15. REGULATORY INFORMATION

US federal regulations "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.