



SAFETY DATA SHEET

HEPTANAL CYCLIC ETHYLENE ACETAL

Issue date: 01-25-2023

Revision # 0

Print date: 02-01-2024

1. IDENTIFICATION

Product Description: HEPTANAL CYCLIC ETHYLENE ACETAL
CAS # 1708-34-5
Other means of identification
Qaroma Item # 1012424
Recommended use Used as a fragrance ingredient according to legal and IFRA guidelines.
For Manufacturing Use Only

Recommended restrictions

Company

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

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name Qaroma 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

HAZARDS

SKIN SENSITIZATION CATEGORY 1

H313 Harmful in contact with skin
H315 Skin irritation
H317 Cause allergic skin reaction
H318 Cause eye damage

PRECAUTIONS

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P272 Neat work clothes
P280 Wear proper PPE
P302+P352 IF ON SKIN: Wash with plenty of water
P333+P313 If skin irritation or rash: Get medical advice/attention
P321 Specific treatment
P362+P364 Take off contaminated clothing and wash it before reuse

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical name	Common names and synonyms	CAS number	EC number	Concentration(%)
2-HEXYL-1,3-DIOXOLANE	HEPTANAL CYCLIC ETHYLENE ACETAL	1708-34-5	NONE	98-100

4. FIRST-AID MEASURES

Inhalation

If breathed in, move a person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin contact

Wash off with soap and plenty of water. Consult a physician.

Eye contact

Flush the eyes with plenty of fresh water. Get medical assistance immediately

Ingestion

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Symptoms

No data

Indication of immediate medical attention and special treatment needed

Not available.

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance

symptoms/effects

No data

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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

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical, or carbon

Unsuitable extinguishing media No Data

Specific hazards arising from the chemical No Data

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

Firefighting equipment/instructions Use standard firefighting procedures and consider the hazards of other involved materials.

Specific methods No Data

General fire hazards

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

Methods and materials for containment and cleaning up Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Large Spills: Stop the flow of material if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers.

Small Spills: Wipe up with absorbent material (e.g., cloth, fleece). Clean surface thoroughly to remove residual contamination.

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Environmental precautions Retain and dispose of contaminated wash water. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate the water.

7. HANDLING AND STORAGE

Precautions for safe handling Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage, including any incompatibilities Keep container closed. Handle containers with care. Open slowly to control possible pressure release. Store in a cool, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure limit values No Data available

Biological limit values No Data available

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Wear safety glasses with side shields (or goggles). Face shield is recommended.

Skin protection Wear impervious clothing. The type of protective equipment must be selected according to the concentration and number of dangerous substances at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves must satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Hand protection Chemical resistant gloves.

Other Use of an impervious apron is recommended.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards No Data available.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless Liquid.
Physical state	Liquid.
Purity(%)	98 to 100
Color	Colorless.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	67.5°C
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.654mmHg
at 25°C.	
Vapor density	Not available.
Relative density	0.907g/cm ³ .
Solubility(ies)	
Solubility (water)	Soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Molecular formula	C ₉ H ₁₈ O ₂
Oxidizing properties	Not available.
Specific gravity	0.91000 to 0.91800 @ 25°C

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10. STABILITY AND REACTIVITY

Reactivity Chemical stability	No Data available
Chemical Stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No Data available
Conditions to avoid	No Data available
Incompatible materials	No Data available.
Hazardous decomposition products	No data available.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	No Data available.
Skin contact	No Data available.
Eye contact	No Data available.
Ingestion	No Data available.

Symptoms related to the physical, chemical, and toxicological characteristics No Data available.

Information on toxicological effects

Acute toxicity No Data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity No Data available.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Mobility in soil No data available.

Other adverse effects No Data Availabe.



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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	Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

14. TRANSPORTATION

UN Number

ADR/RID: No Data IATA/IMDG: No Data DOT BULK / DOT NON-BULK: No Data

UN Proper shipping name

ADR/RID: No Data

IATA/IMDG: No Data

DOT BULK / DOT NON-BULK : No Data

Transport hazard class(es)

ADR/RID: No Data IATA/IMDG: No Data DOT BULK / DOT NON-BULK: No Data

Packing group

ADR/RID: I No Data IATA/IMDG: No Data DOT BULK / DOT NON-BULK: No Data

Environmental hazards

ADR/RID: No Data IATA/IMDG: No Data DOT BULK / DOT NON-BULK: No Data

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15. REGULATORY INFORMATION

Chemical name	Common names and synonyms	CAS number	EC number
2-HEXYL-1,3-DIOXOLANE	2-HEXYL-1,3-DIOXOLANE	1708-34-5	none
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
EC Inventory			Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Not Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.