

Foreverest Resources Ltd

Menthone Glycerin Acetal

98%

Menthone Glycerin Acetal (D,L-Menthone 1,2-glycerol ketal) is a clear, colourless viscous liquid with a very weak minty odour. It provides a relatively long-lasting physiological cooling sensation.

Substance Identification

Synonyms	D,L-Menthone 1,2-glycerol ketal MGA
CAS	N/A
EINECS	
FEMA	N/A

HS.CODE

Molecular Formula

C13H24O3

Molecular Weight

228.332

Application & Uses

- Personal Care & Cosmetics:
 - Widely used in oral care products such as toothpastes and mouthwashes, as well as skin and hair care products including shampoos, conditioners, body washes, soaps, lotions, creams, after-shave products, sunscreens, and antiperspirants.
- Food & Beverages:
 - Applied as a food-grade cooling agent and flavouring in chewing gum, confectionery, chocolates, dairy products, baked goods, various beverages, and alcoholic drinks.
- Pharmaceuticals & Healthcare Products:
 - [Suitable for over-the-counter \(OTC\) medicines](#) and healthcare products like topical analgesics, cough syrups, lozenges, and nasal sprays.
- Other Sectors:
 - Also found in tobacco products and e-liquids to impart a cooling sensation.

Features & Benefits

- Long-Lasting Cooling Sensation:
 - Provides a mild and relatively long-lasting physiological cooling sensation, enhancing the user experience in various products.
- Sensory Modulator:
 - As an effective sensory agent, its very weak minty odour ensures product fragrance integrity while delivering a refreshing feel.
- Broad Applicability:
 - Can be widely used across personal care, food & beverages, pharmaceuticals & healthcare products, and other consumer goods to meet cooling

demands.

Sales Specification

ITEM	VALUE	TEST METHOD & UNIT
Purity, Sum of isomers	98 min	%
Absolute Density	1.025 to 1.033	@25°C, g/cm³
Refractive Index	1.4700 to 1.4780	@20°C
Acid value	1.0 max	mgKOH/g

Package

- Customized according to customer requirements.

GHS Hazard Statements

H-Code	H315/319
P-Code	P263/280/302+352/305+315+338/332+313/337+313
Response	
Storage	
Disposal	

Storage

- Environmental & Temperature Control:
 - Store in a cool, dry, well-ventilated area, and protect from light.
 - Avoid high temperatures to maintain product stability and prevent decomposition or volatilisation.
 - Keep in a cool, well-ventilated place.
- Container Management & Prevention:
 - Ensure containers are tightly closed to prevent volatilisation and external contamination, and are clearly labelled.
 - Ground all equipment containing the material to prevent static build-up.
- Hazard Isolation:
 - Keep storage areas away from heat, sparks, open flames, and all sources of ignition.
 - This combustible liquid should be stored in a separate safety storage cabinet or room.
 - Keep away from incompatible materials to prevent hazardous reactions.
- Safe Handling & Inspection:
 - Handle carefully, and stack stably.
 - After prolonged storage, always check quality before use.
- Compliance & Emergency Preparedness:
 - Strictly comply with all safety regulations, particularly those pertaining to combustible liquid storage.
 - Ensure emergency plans are in place for unforeseen circumstances.

Remark

The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.

