

Foreverest Resources Ltd

Cooling Agent WS-10

WS-10

WS-10 (Menthoxypropanediol) provides a long-lasting cooling effect (Strength 4.5) without the minty odor or taste associated with menthol (Strength 1) . It can be used in lower concentrations compared to menthol while achieving a similar cooling effect. The WS series cooling agents supplied by our company have unique advantages in the supply chain. Welcome to purchase.

Substance Identification

Synonyms	Menthoxypropanediol N,2,3-Trimethyl-2-isopropylbutamide
CAS	N/A
EINECS	

FEMA	N/A
HS.CODE	
Molecular Formula	C13H26O3
Molecular Weight	230.34

Application & Uses

- WS-10 is commonly used in oral care products (like toothpaste and mouthwash), cosmetics (such as creams and lotions), food and beverages, and pharmaceuticals. It can also be found in some personal care products like shampoos and conditioners.

Features & Benefits

- The cooling effect lasts for up to 12 minutes and is especially noticeable on the front of the tongue, the palate, and the front of the throat.
- It is generally recognized as safe (GRAS) for use in food and cosmetic products when used within recommended concentrations.

Recommended usage level	WS-10	
	min	max
Fog-fluid	45 ppm	900 ppm
Beverage	0 ppm	3 ppm
Toothpaste	150 ppm	1200 ppm
Mouthwash	15 ppm	300 ppm
Hard candy	3 ppm	60 ppm
Chewing gum	45 ppm	900 ppm

Sales Specification

ITEM	VALUE	TEST METHOD & UNIT
Cooling Strength	4.5	@Menthol was set as 1 as a reference
Cooling Longevity	12	minutes

ITEM	VALUE	TEST METHOD & UNIT
Cooling Strength	1.5	@Menthol was set as 1 as a reference
Cooling Longevity	6	minutes

ITEM	VALUE	TEST METHOD & UNIT
Cooling Strength	4	@Menthol was set as 1 as a reference
Cooling Longevity	10	minutes

ITEM	VALUE	TEST METHOD & UNIT
Cooling Strength	3.5	@Menthol was set as 1 as a reference
Cooling Longevity	36	minutes

ITEM	VALUE	TEST METHOD & UNIT
Cooling Strength	0.75	@Menthol was set as 1 as a reference
Cooling Longevity	8	minutes

Package

- Customizable packaging details.

GHS Hazard Statements

Storage

- Flammable materials should be stored in a separate safety storage cabinet or room
- Ground all equipment containing material
- Keep away from heat
- Keep away from sources of ignition
- Keep container tightly closed
- Keep in a cool, well-ventilated place

Relation Products

- [Cooling Agents WS-3](#)
- [Cooling Agent WS-5](#)
- [Cooling Agents WS-12](#)
- [Cooling Agents WS-23](#)
- [Menthol](#)

Relation Articles

- [Overview of Cooling Agents](#)

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.