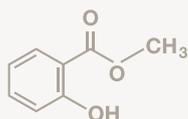


YMS[®]
by **Novacyl**

METHYL SALICYLATE

METHYL 2-HYDROXYBENZOATE
2-HYDROXYBENZOIC ACID METHYL ESTER
SYNTHETIC OIL OF WINTERGREEN



YMS[®]
Pharma

YMS Pharma A well known **highly effective topical analgesic**, entering in the compositions of many balms or medicated oil as it provides pain relief. Also YMS Pharma can be used in **mouth washes** and antiseptic rinses fighting against gingivite & plaque build-up. And methyl salicylate pharma can be used as **synthesis ingredient of numerous Active Pharmaceutical Ingredient**.



YMS[®]
Premium +

YMS Premium + or also named oil of wintergreen is an extra-pure **flavouring agent** for tooth paste, mouth wash, chewing gum or soft drinks. YMS Premium+ is globally recognised as a **premium quality ingredient** among the F&F industry. Novacyl is the only worldwide producer to control olfactive and gustative properties of its methyl salicylate during the whole distillation process.



YMS[®]
Premium

YMS Premium is used in **perfume compositions** in small doses because of its strength. YMS Premium gives interesting results in **exotic-floral fragrances** and in fern bases. The **outstanding stability** of YMS Premium makes it a first-class ingredient highly valued by perfumers & flavourists around the world.



YMS[®]
Standard

YMS Standard is a high quality synthesis intermediate to **manufacture other salicylate esters**. It is also widely used in **lubricants, fungicides** and **insect repellent** formulation. Thanks to a low water content, YMS Standard will guarantee a **better catalysts' activity** and ensure reactor's longevity.

PHARMA GRADE
FOOD GRADE
DMS FREE
LOW WATER CONTENT

- _ **REACH Registered**
- _ **CEP/COS CEP 1994-007**
(pharma grade only)
- _ **Pharma is full GMP (ICH Q7) certified**
- _ **US FDA Inspected (June 2016)**

Free samples available on request

- No class I, II or III solvent
 - No metal catalyst or metal reagents
- used at any stage in the process

FEMA N° 2745 (Gras status)

REACH Registration # 01-2119515671-44-0000

REGULATORY COE N° 433 **FI N° 09.749** **JECFA N° 899**

- _ Complies with US FD, title 21, CFR paragraph 175.105(c)(5)
- _ Included in the positive list of flavouring substances (EU) 872/2012
- _ Food grade status in EU and USA regulations

METHYL SALICYLATE GRADES

Pharma

- _ Manufactured according to GMP (ICH Q7)
- _ Compliant with USP, Ph Eur, JP
- _ Phenol content <50ppm
- _ Unique method of analysis to measure any other impurities (<0.10%)
- _ Kosher and Halal certified
- _ GMO Free
- _ BSE / TSE Free

Premium +

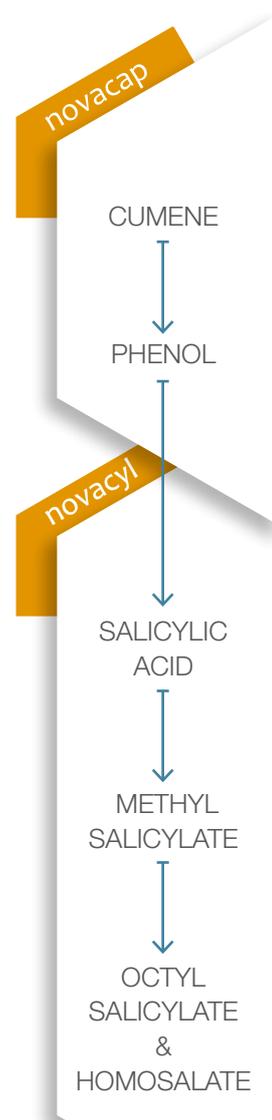
- _ Food grade (Full compliance to HACCP requirements)
- _ Free of Food allergen
- _ Permanent olfactive and gustative evaluation
- _ Dimethyl isophthalate & Dimethyl Sulfate FREE
- _ Kosher and Halal certified
- _ Phenol content <50ppm (<17ppm available)
- _ Color <10 Hz
- _ GMO Free / BSE&TSE Free

Premium

- _ Purity higher than 99%
- _ Phenol content <400ppm
- _ Kosher and Halal certified

Standard

- _ Purity higher than 99%
- _ Phenol content <400ppm
- _ Low Water content



Packaging:

- _ 250 kg steel drums
- _ 250 kg plastic drums
- _ 50 kg plastic drums
- _ bulk deliveries

Transport:

- _ **INLAND International Legislation (RID-ADR)** (not regulated)
- _ **SEA FREIGHT (OMI)** (not regulated)
- _ **AIR FREIGHT (IATA)** (not regulated)

Storage conditions:

The product is stable under ICH accelerated conditions. Therefore, controlled conditions are not required for storage of methyl salicylate in climatic zones I and II.

Re-test date: 5 years

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