



RV INTERNATIONAL

Essential Oils Manufacturer & Bulk Supplier in India

GST NO. 06BGIPG9360E1ZF

Address: Opposite Sudhanshu Maharaj Ashram, Shiv Mandir, Nimbri, Panipat, Haryana 132104

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1.1 — PRODUCT IDENTIFICATION

PRODUCT NAME: EMULSIFYING WAX

ALSO KNOWN AS: Emulsifying Wax NF / Polawax / E-Wax

BOTANICAL NAME: Not Applicable (Synthetic Emulsifier)

INCI NAME: Cetearyl Alcohol (and) Polysorbate 60

MOLECULAR FORMULA: NOT APPLICABLE (COMPLEX MIXTURE)

CAS No.: 8005-44-5 (Cetearyl Alcohol) / 9005-67-8 (Polysorbate 60)

EINECS No.: 232-428-1

SECTION 1.2 — COMPANY IDENTIFICATION

Company Name: RV International

Address: Shiv Mandir, Ujha Rd, Opposite Sudhanshu Aashram, Nimbri, Panipat, Haryana 132104

Telephone: +91 8937003005

Email: info@rvorganica.com

Website: www.rvorganica.com

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

| Name | CAS # | HAZARDOUS STATEMENT |
|---|-----------------------|---------------------------|
| EMULSIFYING WAX NF (Cetearyl Alcohol & Polysorbate 60) | 8005-44-5 / 9005-67-8 | Not a hazardous substance |

HAZARDOUS CLASSIFICATION: NOT A HAZARDOUS SUBSTANCE OR MIXTURE.

Emulsifying Wax NF is a self-emulsifying wax blend primarily composed of Cetearyl Alcohol and Polysorbate 60. It is a widely used cosmetic ingredient that enables the formation of stable oil-in-water emulsions (lotions, creams, body butters). It is non-ionic and compatible with most cosmetic ingredients.

SECTION 3: HAZARD IDENTIFICATION

Emulsifying Wax is considered non-hazardous under normal conditions of use.

Eye Contact: Molten wax may cause mild irritation — avoid contact with eyes

Skin Contact: Non-irritant in solid form. Generally well-tolerated in finished cosmetic formulations.

Inhalation: Dust or vapors from molten wax may cause mild irritation if inhaled in excessive quantities



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Ingestion: Not intended for ingestion. Low acute toxicity — seek medical advice if large quantities ingested.

SECTION 4: FIRST AID MEASURES

Eyes: Flush with plenty of water for 15 minutes if molten wax contacts eyes. Seek medical attention if irritation persists.

Skin: Cool molten wax with cold water. Do not peel off solidified wax. Seek medical attention for burns if applicable.

Ingestion: Not considered hazardous. Drink water to dilute. Seek medical attention if large quantities are ingested.

Inhalation: Remove to fresh air. Seek medical attention if respiratory symptoms persist.

SECTION 5: FIRE AND EXPLOSION DATA

Flash Point: >200°C

Auto-Ignition Temperature: Not established

Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam, Sand

Unsuitable Media: Water (may cause splattering of molten wax)

Special Firefighting Procedures: Fire fighters should wear positive pressure self-contained breathing apparatus. Cool containers exposed to flame with water from a safe distance.

Unusual Fire & Explosion Hazards: Fine dust may be combustible. Molten wax may catch fire at very elevated temperatures.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear gloves and eye protection when handling molten wax. Follow good industrial hygiene practices.

Methods for Cleaning Up: Allow spilled molten wax to cool and solidify. Collect solid wax mechanically. Dispose of according to local regulations.

- Solid spills: collect mechanically and place in waste container
- Molten spills: allow to cool, then collect solid material

SECTION 7: HANDLING AND STORAGE

Safe Handling: Avoid overheating above melting point (50–54°C). Wear heat-resistant gloves and eye protection when handling molten wax. Ensure adequate ventilation when melting.

Storage Requirements: Store in a cool, dry, well-ventilated area away from heat sources and direct sunlight. Keep container tightly closed. Temperature should be below 25°C.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Threshold Limit Value: Not specifically established for Emulsifying Wax



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Work Practice Controls: Use local exhaust ventilation when melting. Good personal hygiene practices recommended.

- Avoid prolonged or repeated contact with molten wax
- Wash hands thoroughly after handling
- Do not eat, drink, or smoke in areas where this material is processed

Respiratory: Not required for solid form. Use dust mask if grinding/milling.

Ventilation: Local exhaust recommended when melting

Eye: Wear safety glasses or goggles when handling molten wax

Skin: Wear heat-resistant gloves when handling molten material

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Hard Solid / Waxy Flakes (at room temperature)

Color: White to Off-White

Odor: Faint, characteristic waxy

Melting Point: 50 – 54°C

Flash Point: >200°C

pH (3% aqueous dispersion): 6.0 – 7.5

Specific Gravity @25°C: 0.900

Solubility in Water: Dispersible in hot water (above melting point)

Solubility in Oils: Soluble in hot oils and waxes

HLB Value: Approximately 14 (self-emulsifying)

Purity: ≥ 99%

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions

Incompatibility (Materials to Avoid): Strong oxidizing agents, strong acids, strong bases

Conditions to Avoid: Excessive heat above melting point, moisture contamination during storage

Hazardous Decomposition By-products: Carbon monoxide and carbon dioxide may form during combustion

Hazardous Polymerization: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

Emulsifying Wax NF has a long history of safe use in cosmetic and pharmaceutical formulations.

Acute Toxicity: Not acutely toxic by oral, dermal, or inhalation routes at typical usage levels

Irritancy: Non-irritant in finished formulations; molten form may cause thermal irritation

Sensitization: Not known to cause skin sensitization at recommended usage levels



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Carcinogenicity: Not listed as a carcinogen by IARC, NTP, or OSHA

Note: All toxicological data is based on available information. Emulsifying Wax has extensive safe use history in cosmetics at concentrations of 2–25%.

SECTION 12: ECOLOGICAL INFORMATION

Emulsifying Wax is expected to be biodegradable and is not classified as environmentally hazardous under normal disposal conditions.

SECTION 13: DISPOSAL CONSIDERATION

Waste Disposal Methods: Dispose of according to local, state and federal regulations. Solid wax material may be suitable for normal industrial waste disposal.

SECTION 14: OTHER REGULATORY INFORMATION

CAS NO: 8005-44-5 / 9005-67-8

EINECS: 232-428-1

INCI Name: Cetearyl Alcohol (and) Polysorbate 60

USP/NF Status: Meets Emulsifying Wax NF grade specifications

Cosmetic Regulation: Listed ingredient permitted in cosmetics under EU Cosmetics Regulation and other international regulations

Hazards: Not classified as hazardous

Safety Phrases: Keep out of reach of children. Store in a cool, dry place. Avoid overheating. For external/cosmetic use only.

SECTION 16: ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

The information contained in this Material Safety Data Sheet is obtained from current and reliable sources. The information contained herein is true and to the best of RV International's knowledge. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any laws or regulations.



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