

iEmul N

INCI Name (US): Cetearyl Alcohol (and) Sodium Cetearyl Sulfate

INCI Name (EU): Cetearyl Alcohol (and) Sodium Cetearyl Sulfate

CAS #: 8005-445, 67762-27-0 (and) 68955-20-4

**General Information/
Characteristics:** iEmul N is a self-emulsifying (Oil/Water), consistency donor base for creams and ointments.

Benefits / Application: iEmul N emulsifies easily and quickly and allows high-consistency creams to be obtained.

The emulsions may be prepared by mixing the oily components in iEmul N and melting this mixture at 80-85°C. In parallel, the water-soluble ingredients should be added to the water and should also be heated to 80-85 ° C. Thereafter, the aqueous phase is added over the oil phase. Stir constantly for approximately 15 minutes and start cooling. During the cooling, emulsification occurs, which can be noted by an increase in viscosity and by the homogeneous appearance acquired by the product. If lump formation occurs, the emulsion can be reheated at 80-85°C and the cooling process followed as described above.

It is recommended that alcoholic solutions, biological actives and essential oils be added after cooling to 35°C.

iEmul N is considered to be a well-tolerated product in typical local applications.

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Formulations Advices: The dosage to be used varies according to the desired consistency and the content of fatty components to be added. According to the desired consistency (creamy lotion or a cream), between 5 - 15% of iEmul N.

Regulatory Status: No specific regulation

Physico-Chemical Properties:	Aspect	Flakes
	Color	White
	pH (1% soln)	6.8 – 8.0
	Melting Point	50 - 58

Shelf Life / Storage Conditions iEmul N should be stored in a covered area, protected from light, at room temperature and in the original closed package.
Shelf life: Thirty-six (36) months from date of manufacture.

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