

Technical Data Sheet

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Item Name:

DM2000

PRODUCT INFORMATION

Chinese Name:	珠光浆
Commodity Name:	Pearlizer DM2000
Chemical Name:	Mixture of EGDS, AES, CMEA
Other Name:	Pearlizer, Mixture of Ethylene Glycol Distearate (EGDS), AES and CMEA
CAS No.:	N/A (mixture of EGDS:627-83-8, AES: 68585-34-2, CMEA: 68140-00-1)
Molecular Weight:	N/A
Molecular Formula:	N/A (mixture of EGDS, AES, CMEA)

PRODUCT DESCRIPTION

Pearlizer DM2000 is a mixture of:

EGDS: Ethylene Glycol Distearate

AES (SLES): Alkyl Ether Sulphate (Sodium Lauryl Ether Sulphate)

CMEA: Coconut Mono Ethanol Amide (Alkanolamides MEA)

TECHNICAL SPECIFICATION

Index	Standard
Appearance by visual	White pearl liquid
pH (2% water sol.)	6.0~8.0
Viscosity (25 °C) by cps	10000 max
Active content by wt %	38.0~42.0
Total count by cfu/g	10 max
Yeasts & Moulds by cfu/g	10 max

MAIN APPLICATION

Shampoo; Rinse; Shower cream; Facial cream; Hand lotion; Other liquid cleaning & personal care products.

Processing Method:

Add Pearlizer DM2000 in the system when the temperature drops to 40~45°C and mixed, never add it to the system where the temperature is over 50°C.

Suggested dosage: 3~5% by wt.

PACKING, LOADING AND SHELF LIFE

Packing: 150kg plastic drum (160L)

Loading: 17.1mt/20'fcl

Shelf Life: 12 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.

APPENDIX 2 DETERMINATION OF VISCOSITY

A. Apparatus

- a. Viscometer: Brookfield DV2TLVTJ0;
- b. Constant temperature water bath;
- c. Thermometer: 0–100°C, 0.1°C graduation;
- d. Beaker: 150 mL.

B. Analytical Procedure

Place approximately 150 g of sample into a 150 mL beaker and maintain at 25°C. Using the DV2TLVTJ0 viscometer equipped with spindle #63, operate at 20 rpm. Record the reading at 1 minute as the measurement result.

C. Permissible Tolerance

The relative deviation between two parallel determinations shall not exceed 500 cPs.

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