

SURFATA® LUBE J 11000

Composition

Ethoxylated amine

Application

SURFATA® LUBE J 11000 is recommended as an internal or external anti-static additive for use in polyolefins and styrenics. **SURFATA® LUBE J 11000** has synergistic benefits with **SURFATA® LUBE J 12000**. It can be used as a anti-fouling agent in gas phase polyolefin production reactor.

Mode of Action

SURFATA® LUBE J 11000 migrates to the surface of the polymer where it interacts with atmospheric moisture, reducing surface resistivity and allowing dissipation of static charge over a long period of time.

Typical Properties

Appearance, 25 °C	Yellow to amber liquid.
Non-volatile matter, %	100
Flashpoint, °C	> 150

Values indicated in this data sheet describe typical properties and do not constitute specification limits. Please refer to product spec sheet.

Application Areas

Anti-stat (internal)

- ABS
- cPP
- HDPE
- hiPS
- hPP
- LDPE
- LDPE / LLDPE
- LLDPE
- Polyolefins (all)
- Styrenics (clear)
- Styrenics (opaque)

Features and Benefits

- Effective in transparent styrenic applications.
- Excellent heat stability.
- Improved color compared to other amines.
- Synergistic effects with **SURFATA® LUBE J 12000**.

SURFATA[®] LUBE J 11000

Incorporation and Dosage

SURFATA[®] LUBE J 11000 as internal antistatic can be incorporated into the polymer via masterbatch or pre-blend, over preferably mechanical agitation. Usage: 0,1 – 0,5% in polyolefins films, 0,3 – 1% in applications with mold and 1 – 3% in styrenics.

As an external antistatic practice has shown that solutions of 2-6% of the material in ethanol, isopropanol or another suitable solvent, present good results. It should be applied via spray, bath or as the last color in the print.

Transport and Storage

Keep in a dry, cool and well-ventilated place. Keep product away from heat and sources of ignition. Store in original containers.

Safety and Handling

Please refer to product MSDS.

Note: These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for use of our products or the inclusion of descriptive material from patents and the citation of specific patents in this publication should not be understood as recommending the use of our products in violation of any patent.

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