

Silsource SS-6030 Methyl Hydrogen fluid

PRODUCT DESCRIPTION

SS-6030 is a methyl hydrogen silicone fluid with a viscosity of 30 cps.

TYPICAL PRODUCT DATA

(not intended for use in preparing specifications)

| <u>Property</u> | <u>Value</u> |
|--|-------------------|
| Appearance | Colourless Liquid |
| Viscosity (25°C, mm ² /s) | 28-32 |
| Hydrogen Content | 1.58-1.60 |
| pH | 6-8 |
| Flash Point (°C) | 160 min. |
| Volatile content (%, 105°C ± 2°C, 3h) | 0.99-1.10 |

PRODUCT FEATURES

- Product can be used to treat fabric fibres for water repellency
- Reactive product
- Readily available Si-H groups for reactivity

PACKAGING AND AVAILABILITY

SS-6030 is available in drums and IBC tote containers.

Samples are available upon request.

TYPICAL APPLICATION

SS-6030 can be used as a fabric treatment, in the chemical synthesis of modified silicone fluids and to impart water repellency and moisture proofing.

INFORMATION FOR USE

Application uses are widely varied with usage level that vary from 1-80% use depending on the application.

SS-6030 can be used as a cross linker for silicone addition type rubbers, as well as a hydrophobic agent, lubricant and ant sticking agent.

Used as an intermediate in the synthesis of modified silicone oils such as polyether and alkyl based fluids.

The Si-H bonds that are readily available can be used to react with chemicals containing double bonds or hydroxyl groups.

HANDLING AND TOXICITY

Use ventilation and grounding to eliminate vapours and static sparks. Avoid strong oxidizing agents.

STORAGE AND SHELF LIFE

SS-6030 should be stored in sealed containers in a cool, dry environment with ventilation and away from heat, flames and incompatible materials.

PRODUCT SAFETY INFORMATION

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND CONTAINER LABELS AND SAFETY DATA SHEET FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION.

LIMITATIONS

Not intended for human injection. This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

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