

PRODUCT NAME : SUPERSIL 5500
Material Safety Data Sheet

Issue Date: 10/DEC/2002

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity	Silicone Fluid
Trade Name	SUPERSIL 5500
Manufacturer	CNTEC Inc.
Address	33-26, Geumwang Agricultural Industrial Complex, Dochenong-Ri, Geumwang-Eup, Eumseong-Gun, Chungcheongbuk-Do, KOREA
Phone Number	82-43-881-6691
Fax Number	82-43-881-6693

2. COMPOSITION / INFORMATION ON THE COMPONENTS

Single or Mixture	: Mixture		
INCI NAME		CAS No	Content(%)
Cyclopentasiloxane		541-02-6	66.0 ~ 74.0
PEG-10 Dimethicone		68937-54-2	26.0 ~ 34.0

3. HAZARD IDENTIFICATION

Hazards Classification	: None (Based on IMO)
Fire and Explosion	: Not considered flammable nor combustible, but will burn if involved in a fire
Skin Contact	: May cause slight skin irritation, but no significant effect
Eyes Contact	: May cause slight eyes irritation
Ingestion	: No information is available

4. FIRST AID MEASURES

Skin Contact	: Remove product from skin with dry cloth or towel, and wash exposed area with detergent.
Eyes Contact	: Immediately flush with water for at least 15 minutes.
Ingestion	: Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

5. FIRE FIGHTING MEASURES

Flash Point	: Not measured
Flammable Limits	: Not measured
Extinguish Media	: Foam, dry chemical, carbon dioxide or fine water spray
Special Fire Fighting Procedures	: None

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6. ACCIDENTAL RELEASE MEASURES

Step to be Taken in Case Material is Released or Spilled :

Contain the spill or leak

Scrape up with cardboard or rag and place in container.

7. HANDLING AND STORAGE

Handling : Keep container closed when not in use. Do not lay the container on its side. Avoid contact with eyes and prolonged or repeated skin contact.

Storage : Store in a cool place. Keep away from heat, sparks and flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Concentration	: Room temperature
Exposure Guidelines	: ACGIH TLV-TWA : Not established
	: OSHA PEL : Not established
Respiratory Protection(specify type)	: Not required
Ventilation	: Not required
Protective Gloves	: Plastic film or rubber gloves
Eye Protection	: Suitable eye protection
Other Protective Equipment	: Eyewash equipment
Work/Hygienic Practices	: Wash hands after handling

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Colorless, Translucent fluid
Odor	: Slight Characteristic odor
Solubility in Water	: Not soluble
Boiling Point	: Not applicable
Melting Point	: Not applicable
Vapor Pressure	: Negligible (25 degrees C)
Evaporation Rate	: Negligible (Butyl Acetate=1)

10. STABILITY AND REACTIVITY

Stability	: Stable
Conditions to Avoid	: None known
Materials to Avoid	: None known

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10. STABILITY AND REACTIVITY

Hazardous Decomposition or By-Product : None known

Hazardous Polymerization : Will not occur

11. TOXICOLOGICAL INFORMATION

Skin Irritation : Patch test(24Hr/Open) : Almost Negative

Eye Irritation : Eye-rabbit : Mild

Sensitization : No evidence of sensitization

Acute Toxicity(LD₅₀) : LD₅₀ (Oral/Rat) : >5g/kg

Acute Toxicity(LC₅₀) : LC₅₀(Inhalation/Rat) : >5g/m³/Hr

SUBACUTE TOXICITY :

Laboratory rodents repeatedly exposed to decamethylcyclpentasiloxane (containing above 30% in this product) by inhalation or ingestion developed increased liver weight as compared to controls. This effect was reversible when dosing was stopped after 90 days. No gross or histopathological liver effects were noted. Further studies indicated no liver effect with guinea pigs or rabbits and that the rodent liver enlargement by decamethylcyclpentasiloxane was due to an increased number of liver cells which appeared normal.

Chronic Toxicity : No information is available

Carcinogenicity : NTP / IARC / OSHA REGULATED - Not listed

Mutagenicity : Negative

Reproductive Effect : No information is available

Teratogenic Effect : No information is available

Other Information : None

12. ECOLOGICAL INFORMATION

Biodegradation : No information is available

Bio-Accumulation : No information is available

Aquatic Toxicity : No information is available

Other Information : None

13. CAUTION AGAINST DISPOSAL

Can be burned in a chemical incinerator equipped with an afterburner and scrubber. Do not dispose the emptied container unlawfully. Observe all federal, state and local laws.

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14. TRANSPORT INFORMATION

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UN No. : None
IMO Classification and Class : None
Packaging Group : None
Proper Shipping Name : None
Marine Pollutant : None

15. REGULATORY INFORMATION

Toxic Substances Control Act (TSCA) Status :
Not listed on the TSCA Inventory

European Inventory of Existing Commercial Chemical Substances(EINECS) Status:
Listed on the EINECS
Labeling According to EC-Regulations Required : Not required

Superfund Amendments and Reauthorization Act of 1986(sara) Title III Section
This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the emergency planning and community Right-To-Know Act of 1986 and 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for the material.
The toxic chemical(s) contained in this product are : None

California Proposition 65 :
This regulation requires a warning for California Proposition 65 Chemical(s) under the statute.
The California Proposition 65 Chemical(s) contained this product are : None.

16. OTHER INFORMATION

MSDS First Issued : 10 December 2002
MSDS Data Revised : The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of publication. It is intended as a guide for safe handling, storage and use in known industrial applications, but it is not a specification or guarantee

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16. OTHER INFORMATION

of specific properties, and no liability can be accepted for any loss, injury or damage resulting from its use.

For more information contact at

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