

# TRICARD

TRIANGLE CHEMICAL COMPANY - P.O. BOX 4528, MACON, GEORGIA 31213  
CARDINAL CHEMICALS, INC. - KINSTON, NC

## MATERIAL SAFETY DATA

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### 1. PRODUCT IDENTIFICATION

PRODUCT NAME: **SILCONE 100**  
SYNONYMS: Organosilicone Surfactant  
CHEMICAL FAMILY: Organo – Modified Polysiloxane  
GENERAL DESCRIPTION: Poly-Ether Modified Siloxane

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### 2. HAZARDOUS INGREDIENTS

OSHA REGULATED

COMPONENT	CAS. NO	WT%	EXPOSURE LIMITS
None Known.			

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### 3. EFFECTS OF OVEREXPOSURE:

EYES: May produce oil film causing brief reversible dimness of sight.  
SKIN: No harmful effects have been reported upon contact with skin.  
INHALATION: No harmful effects have been reported upon inhalation.  
INGESTION: No harmful effects have been reported upon ingestion.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Overexposure to any chemical may result in enhancement of pre-existing adverse medical condition and allergic reactions.

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### 4. EMERGENCY FIRST AID

EYES: Flush immediately with water for 15 minutes. Get medical attention if irritation persists.  
SKIN: Remove contaminated clothing. Wash with soap and water. Get medical attention if irritation develops.  
INHALATION: Remove to fresh air. Apply artificial respiration if necessary.  
INGESTION: If swallowed, seek medical attention and show M.S.D.S.

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### 5. REACTIVITY DATA

STABILITY: Stable  
CONDITIONS TO AVOID: None with proper storing and handling.  
POLYMERIZATION: Will not occur.  
INCOMPATIBILITY: None known.  
DECOMPOSITION: Carbon monoxide, carbon dioxide, and silicon dioxide

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### 6. PHYSICAL PROPERTIES

APPEARANCE AND ODOR: Clear pale yellow liquid, characteristic odor.  
BOILING POINT: Not measured  
MELTING POINT: Not measured  
VAPOR PRESSURE (mmg of Hg): Not measured  
SPECIFIC GRAVITY: 1.02 (+/- .05)  
VAPOR DENSITY (AIR=1): Not measured  
% VOLATILE (By WGT.%): Not measured  
EVAPORATION RATE: Not measured  
SOLUBILITY IN WATER: Dispersible

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## 7. NFPA HAZARD RATING (National Fire Protection Association)

Fire	1	Health	1	Reactivity	0	Special	-
Fire:	Materials that must be preheated before ignition can occur.						
Health:	Materials which on exposure should cause irritation but only minor residual injury even if prompt treatment is given.						
Reactivity:	Materials, which in themselves are normally stable, even under fire exposure conditions, and which are not reactive with water.						

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## 8. FIRE AND EXPLOSION HAZARD INFORMATION

Flashpoint:	>212°F
Flammable Limits:	Not Available
Extinguishing Media:	Foam, Dry Chemical, CO2, Water **For safety reasons, do not use full water jet.
Fire Fighting:	Use a positive-pressure, self-contained air supply. Avoid getting water from fire fighting into domestic or irrigation water supplies.
Unusual Fire Hazard:	NA

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## 9. SPECIAL PRECAUTIONS

HANDLING AND STORAGE: No special handling procedures required. Wear appropriate personal protective equipment when handling. Keep in original container tightly closed. Do not reuse empty container.

OTHER PRECAUTIONS: Keep out of reach of children.

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## 10. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Wear a NIOSH/OSHA approved respirator if necessary.
VENTILATION:	Normal room ventilation (mechanical) should be satisfactory.
PROTECTIVE GLOVES:	Chemical resistant gloves, PVC type is sufficient
EYE PROTECTION:	Wear goggles or a face shield.
OTHER PROTECTION:	Eye bath and safety shower. Wash with soap and water before eating, drinking, smoking, or using toilet facilities.

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## 11. SPILL OR LEAK PROCEDURES

SPILLS OR RELEASES:	Material should be collected and disposed in proper manner. Avoid discharge to natural waters. Absorb with an inert material such as sand, soil or vermiculite. Wear suitable protective equipment.
WASTE DISPOSAL:	Do not contaminate water, food or feed by storage or disposal. Dispose of in an approved waste disposal facility in accordance with Federal, State and Local Regulations.
CONTAINER DISPOSAL:	Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

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## 12. REGULATORY INFORMATION

COMPOUNDS WHICH REQUIRE REPORTING UNDER SARA TITLE III

Sara Regulated Compounds	Section	CAS NO.	Percent
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No compounds present in quantities which are regulated.

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## 13. OTHER INFORMATION

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.