

MATERIAL SAFETY DATA SHEET

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SECTION I – GENERAL INFORMATION

TRADE NAME	SIL-FACT
CHEMICAL NAME	Organosilicone Surfactant Blend
CHEMICAL FAMILY	Non-ionic Surfactant
EPA REG. NO.	N/A
SIGNAL WORD	CAUTION

SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Proprietary blend of Organosilicone Surfactant and Alcohol Ethoxylates	67674-67-3	100.0	N.E.	NH
	68131-40-8			NH

SECTION III – PHYSICAL DATA

Boiling Point	>212°F	Specific Gravity	0.96→0.98 g/ml
Vapor Pressure	<5mm Hg	% Volatiles	N/A
Vapor Density	N/A	Solubility in Water	Complete
pH (@ 5%)	6-7	Appearance/Odor	Clear liquid, slight odor

SECTION IV – FIRE & EXPLOSION DATA

Flash Point	>200°F (Non-Combustible)
Extinguishing Media	Dry chemical, CO ₂ , water spray or foam
Fire Fighting Procedures	In confined spaces assure self-contained breathing apparatus is worn. Fight fire from upwind. Minimize runoff if possible.

SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Extreme temperatures
Incompatibility	Oxidizers
Hazardous Decomposition Products	Silicone Dioxide, Oxides of Carbon
Hazardous Polymerization	Will not occur

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	N/A
Toxicity Data	Oral LD50 (Rat) = >30gms/kg Dermal LD50 (Rabbit) = >5,000mg/kg
TLV	None established
N.F.P.A.	Health: 2, Fire: 1, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Can cause eye and skin irritation with prolonged contact. Avoid ingestion.

SECTION VII – EMERGENCY PROCEDURES

If on Skin or Clothing: Wash affected area with water. Seek medical attention if irritation develops.

If in Eyes: Flush with copious amounts of water for 15 minutes. Seek medical attention if irritation persists.

If Inhaled: Move victim to fresh air. Treat symptomatically and supportively. Obtain medical attention.

If Swallowed: Treat symptomatically and supportively. Get medical attention immediately.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill
Pick up spills with absorbent material and contain for salvage or disposal. Prevent runoff from entering waterways if possible. Assure protective clothing is worn.

Waste Disposal Method
Dispose of in accordance with Local, State, and Federal Regulations.

SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	None normally required
Ventilation	General recommended
Protective Gloves	Rubber impervious
Eye Protection	Safety glasses or goggles
Other	Coveralls, long-sleeve shirt, rubber boots

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage
KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

Store in dry, well-ventilated area away from extreme temperatures.

D.O.T. Description	Non-Regulated
Freight Description	Agricultural Spray Adjuvant, Liquid, N.O.S.
Reportable Quantity	N/A
ERG #	171

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