

MATERIAL SAFETY DATA SHEET

SECTION I - CHEMICAL PRODUCT	
PRODUCT NAME: SN - 50 GENERAL USE : conveyor belt lubricant	
Hazard Rating: Health: 1 Flammability: 1 Reactivity: 0	4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT 0=NOT SIGNIFICAN
ARABIAN COMPANY FOR DETERGENT TELEPHONE NUMBER: 03/54221989	

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS		
Chemical Name	CAS NO	% by Weight
Polydimethylsiloxane	63148-62-9	>60
Octamethylcyclotetrasiloxane	556-67-2	5 - 10
Decamethylcyclopentasiloxane	541-02-6	3 - 7
Dodecamethyl cyclohexasiloxane	540-97-6	1 - 5
Dimethylcyclosiloxanes	69430-24-6	1 - 5
Methylated Silica	67762-90-7	7 - 13

SECTION III - HAZARDS IDENTIFICATION

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

SECTION IV - FIRST AID INFORMATION

INGESTION

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

EYE CONTACT

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

SKIN CONTACT

Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION V - FIRE FIGHTING INFORMATION

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances:

Slightly flammable to flammable in presence of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Small Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION VII - HANDLING AND STORAGE

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/vapor/spray. Keep away from incompatibles such as oxidizing agents.

Storage:

Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 25°C (77°F).

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Safety glasses. Lab coat.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance: milky white liquid.

Odor: Characteristic .

Taste: Not available.

Molecular Weight: Not available.

Color: white

pH (1% soln/water): nearly neutral

Boiling Point: 35°C (95°F)

Melting Point: Not available.

Critical Temperature: Not available.

Specific Gravity: 0.97 (Water = 1)

Vapor Pressure: Not available.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Not available.

SECTION X - STABILITY AND REACTIVITY

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not available.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION

Routes of Entry: Skin. Eye contact.

Toxicity to Animals:

LD50: Not available. LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant, sensitizer), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:

This product contains Octamethylcyclotetrasiloxane. Repeated inhalation may cause adverse reproductive effects defects and cancer based on animal data, but no teratogenic effects were observed. No data for humans has been found. This product contains polydimethylsiloxane. Repeated skin absorption may cause adverse reproductive effects and birth defects based on animal test data. No data for humans has been found.

Special Remarks on other Toxic Effects on Humans:

Acute and Chronic Potential Health Effects: Skin: May cause mild skin irritation and dermatitis. No significant irritation expected from a single short-term exposure. Eyes: May cause mild eye irritation with temporary redness and discomfort.

Inhalation: No significant effects expected (low hazard) from a small single short-term exposure from inhalation. However, overexposure may affect the blood, respiration, behavior (tremor, excitement, etc.), and liver while chronic exposure by inhalation of mist or vapor may affect liver, and metabolism.

Ingestion: The hazard from ingestion is expected to be low for normal use and handling. Acute overexposure may cause gastrointestinal tract irritation with hypermotility and diarrhea. Acute and chronic or prolonged ingestion may also affect behavior, blood, respiration (dypnea), liver, and urinary system.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.