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**SAFETY DATA SHEET**  
**ACCORDING TO EC DIRECTIVE 91/155/EEC**  
**Solent Lubricants For Food – Synthetic Grease**  
 (SOL-740-6200A)

### 1. Identification:

Order code: SOL-740-6200A  
 Commercial Name: Solent Lubricants For Food  
 Other Names: Hi Tech Grease 100ml Tube  
 Intended use: For lubrication of bearings, chains and sliding surfaces including plastic bearings and runners in the food manufacturing/processing industry.

Company: Solent, Osbourne Works, Leicester, England, LE18 1AT  
 Tel: 0116 288 8000 Fax: 0116 288 8222  
 Emergency Telephone Number: 0116 257 2445

### 2. Composition/Information on Ingredients:

Name	EC No.	CAS-No.	Content	Classification
FUMED SILICA	—	68611-44-9	—	—
PAO	—	68037014	—	—
PTFE	—	90022-84-0	—	—
General	Fumed Silica Grease with PAO Synthetic Hydrocarbon with added PTFE			
Hazardous Ingredients:	PTFE - Hazardous if burnt			

### 3. Hazards:

None.

### 4. First Aid Measures:

INHALATION No known adverse effects. May act as a slight laxative.  
 INGESTION Rinse mouth thoroughly with water.  
 SKIN CONTACT Wash the skin with soap and water.  
 EYE CONTACT Flush eyes thoroughly with copious amounts of water.  
 PRESSURE INJECTION Always seek medical attention even though damage may be slight.

### 5. Fire Fighting Measures:

EXTINGUISHING MEDIA Fire can be extinguished using Dry Powder or CO<sub>2</sub>.  
 PROTECTIVE MEASURES IN FIRE Self contained breathing apparatus and full protective clothing must be worn as product contains PTFE.  
 HAZARDOUS EFFECTS Fire or high temperature creates oxides of Carbon and Phosgene.

### 6. Accidental Release Measures:

SPILL CLEAN UP METHODS Absorb material from ruptured or leaking containers onto an inert material, transfer to suitable container for subsequent disposal.

### 7. Handling and Storage:

USAGE PRECAUTIONS Keep containers closed to prevent contamination. No special handling precautions required. Normal hygiene precautions will suffice.  
 STORAGE PRECAUTIONS Store in a cool dry place.

### 8. Exposure Control and Personal Protection:

HAND PROTECTION The use of a suitable barrier cream is advised.  
 EYE PROTECTION Safety goggles/glasses are advised if there is a risk of eye contact.  
 HYGIENE MEASURES Wash hands after handling.

### 9. Physical and Chemical Properties : (Test method)

APPEARANCE Translucent paste  
 COLOUR Clear  
 ODOUR None.  
 SPECIFIC GRAVITY @ 20°C 0.98  
 FLASHPOINT >235°C CC (Closed Cup)  
 KINEMATIC VISCOSITY @ 40°C 9MM<sup>2</sup> S-1: NLGI NO 2 GREASE

### 10. Stability and Reactivity:

MATERIAL TO AVOID Strong oxidising agents  
 HAZARDOUS DECOMPOSITION PRODUCTS Fire or high temperature creates oxides of Carbon.  
 STABILITY Stable in normal heat and light conditions. Not compatible with strong oxidising agents.

### 11a. Toxicological Data:

SKIN CONTACT Low order of irritant.  
 EYE CONTACT May cause mild irritation or discomfort.  
 INHALATION No hazard at normal ambient temperatures  
 INGESTION No evidence of adverse side effects from swallowing. May act as a mild laxative.

### 12. Ecological Information:

Biodegradation: High Level of Biodegradability.  
 Fish toxicity: No data.  
 Bacterial toxicity: No data.

