



## MATERIAL SAFETY DATA SHEET

MSDS No: GDFC1/N2

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### 1. IDENTIFICATION OF THE SUBSTANCES/PREPARATION AND THE COMPANY

Product Name: **DFC 1 GEL**  
Recommended Use: Lubrication of food processing machinery where direct contact with food occurs.  
Supplier: Slipstream Synthetic Lubricants Co Ltd., PO Box 3, Bexhill-on-Sea, East Sussex, TN39 4JF  
Email: [Slipstream@lubricants.fsnet.co.uk](mailto:Slipstream@lubricants.fsnet.co.uk)

### 2. HAZARDS IDENTIFICATION

CLASSIFICATION: Not classified as hazardous.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL COMPOSITION: Neutral esters produced from vegetable fatty acids together with plasma solids and other additives.

### 4. FIRST AID MEASURES

EYES Flush thoroughly with water and obtain medical attention if irritation persists.  
SKIN Wash with soap and water. DO NOT use petrol or solvents. Remove contaminated clothing. Infrequent or short term contact requires no immediate action.  
INHALATION Not expected to be a problem with any foreseeable use/misuse of this product See Section 11.  
INGESTION Not expected to be a problem with this type of product. If appreciable quantity is swallowed, drink one or two glasses of water or milk and seek medical aid. DO NOT induce vomiting. The danger here is possible aspiration of vomited product into the lungs.

### 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: CO<sub>2</sub>, dry chemical, foam, BCF, water fog. DO NOT USE WATER JET.  
PROTECTIVE EQUIPMENT: For large fires or fires in enclosed spaces, wear self-contained breathing apparatus.  
UNUSUAL HAZARDS: The plasma solids emit toxic fumes under burning conditions.

### 6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENT Prevent entry of spillages into waterways and sewers.  
CLEANING UP Scrape up or absorb onto inert material for disposal according to national or local regulations .

### 7. HANDLING AND STORAGE

HANDLING No special precautions normally required. **DO NOT SMOKE.** See para 11.  
STORAGE Store in suitable labelled containers in a dry area away from sources of direct heat. Keep containers closed when not in use.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS No official exposure limit for this material.  
EYES If eye contact is likely, wear goggles or safety glasses with side shields.  
SKIN Short term exposure is not considered hazardous. If prolonged contact is envisaged wear protective gloves.  
INHALATION No special requirements under normal conditions of use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	<b>Homogeneous thixotropic white gel.</b>
ODOUR	Characteristic.
SOLUBILITY	Insoluble in water.
FLASH POINT	Above 180°C (base oil, COC).
MELTING POINT	Does not melt.
DENSITY	0.85 - 0.95 kg/l.
VAPOUR PRESSURE:	Negligible under normal atmospheric conditions.

**10. STABILITY AND REACTIVITY**

STABILITY	Stable.
INCOMPATIBILITY	Avoid strong oxidising agents.
POLYMERISATION:	Will not occur.
THERMAL DECOMPOSITION	Oxides of carbon, water vapour, soot, unburnt hydrocarbons. Compounds of nitrogen, sulphur, phosphorus and fluorine.

**11. TOXICOLOGICAL INFORMATION**

EYES	May cause mild irritation but does not injure eye tissue (based on data for components).
SKIN	Repeated and/or prolonged contact may cause mild irritation in some individuals. The product is not considered to be a dermal sensitizer tissue (based on data for components).
INHALATION	Not expected to be a problem with this type of product.
INGESTION	Acute oral toxicity (LD <sub>50</sub> rat) >2000mg/kg (based on data for components).
CARCINOGENICITY	The product does not contain any substance listed by OSHA, NTP or IARC Monograph as a carcinogen.
SPECIFIC HAZARDS	The plasma solids produce toxic fumes under burning conditions.. <b>DO NOT SMOKE</b> or allow traces of the material to contaminate cigarettes or tobacco.

**12. ECOLOGICAL INFORMATION**

ENVIRONMENTAL FATE	Will float on water.
PERSISTENCE	Partly biodegradable.
TOXICITY	Ecotoxicological effects have not been established.

**13. DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL Do not dispose of to soil, drains or watercourses. Dispose of to a licensed waste contractor.

**14. TRANSPORT INFORMATION**

CLASSIFICATION	Not classified as hazardous under RID/ADR, ADN/R, IMDG or ICAO/IATA regulations.
EEC	Not dangerous for conveyance.

**15. REGULATORY INFORMATION**

EEC CLASSIFICATION	Not dangerous for supply. Symbols: None R- Phrases: None S-Phrases: None
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**16. OTHER INFORMATION**

This data sheet was prepared in accordance with Directive 91/155/EEC.

The information contained in this Material Safety Data Sheet is based on the best information available to the Company and is accurate to the best of the Company's knowledge. However, Slipstream makes no representation or warranty regarding the information and it is not intended to be all-inclusive. It is the user's responsibility to ensure that he has all the information necessary to satisfy himself that the material is safe to use under the prevailing conditions.