



SAFETY DATA SHEET DFC 1 FLUID

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1. IDENTIFICATION OF THE SUBSTANCES/PREPARATION AND THE COMPANY

1.1 Product Name: DFC 1 FLUID

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

PRODUCT USE DIRECT FOOD CONTACT LUBRICANT AND RELEASE AGENT

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

SUPPLIER SLIPSTREAM
72A PARKER ROAD
HASTINGS
EAST SUSSEX
TN34 3TT

Email: slipstreamlubricants@btconnect.com

1.4 EMERGENCY TELEPHONE NUMBER:

00447786624767 (24 hour)

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

CLASSIFICATION (67/548/EC) Not classified as hazardous.

2.2 LABEL ELEMENTS

NOT REQUIRED

2.3 OTHER HAZARDS

HEALTH HAZARD
NOT HAZARDOUS TO HEALTH

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL COMPOSITION: Mixture of neutral fatty acid esters and triglycerides with additives.

4. FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

EYES Flush thoroughly with large amounts of running water for at least 15 minutes and obtain medical attention if irritation persists.

SKIN Wash with soap and water. DO NOT use organic solvents. Remove contaminated clothing

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.

INHALATION Move to fresh air and obtain medical attention if symptoms persist

INGESTION Edible, food grade.

5. FIRE FIGHTING MEASURES

- 5.1 EXTINGUISHING MEDIA: Alcohol-resistant foam, Dry powder, Carbon dioxide (CO₂), Do not use water.
- UNSUITABLE EXTINGUISHING MEDIA Water jets
- 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE
In combustion emits flumes of carbon monoxide (CO) and carbon dioxide (CO₂)
- 5.3 ADVICE FOR FIRE-FIGHTERS Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 PERSONAL PRECAUTIONS, PROTECTION EQUIPMENT AND EMERGENCY PROCEDURES
Personal precautions. See Section 8 Exposure Control/ Personal Protection.
- 6.2 ENVIRONMENTAL PRECAUTIONS
Do not discharge into drains, surface and ground water. Contain spillage.
- 6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP
Mop up or absorb onto inert material for disposal according to national or local regulations for oily waste.
- 6.4 REFERENCE TO OTHER SECTIONS: See Section 4 First aid Measures and Section 10 Stability and Reactivity.

7. HANDLING AND STORAGE

- 7.1 PRECAUTIONS FOR SAFE HANDLING
No foreseeable hazards but avoid contact with eyes and skin DO NOT SMOKE.
SEE SECTION 11
- 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES.
Store in suitable labelled containers in a well-ventilated and dry area away from sources of direct heat. Keep containers closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 CONTROL PARAMETERS No official exposure limit for this material.
- 8.2 EXPOSURE CONTROL
- | | |
|------------------------|--|
| Respiratory protection | Not normally required |
| Hand protection | Wear protective gloves |
| Eyes protection | Wear goggles or safety glasses with side shields. |
| Skin protection | Short term exposure is not considered hazardous. If prolonged contact is envisaged wear protective clothing. |

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Clear Liquid,
COLOUR	Water White to pale straw in colour
ODOUR	Characteristic.
EVAPORATION RATE	Negligible
FREEZING POINT	-20°C
BOILING POINT RANGE	Above 200°C
FLASH POINT	280°C (Cleveland Open Cup)
AUTO IGNITION TEMPERATURE	354°C
DENSITY	0.91-0.93 (15°C) (ASTM D-4052)
SOLUBILITY IN WATER	INSOLUBLE
VISCOSITY	14 cSt (40°C)

9.2 OTHER INFORMATION

- SOLUBILITY IN OILS / FATS / OTHER Soluble in hydrocarbon solvents

10. STABILITY AND REACTIVITY**10.1 REACTIBILITY**

No dangerous reaction known under conditions of normal use.

10.2 CHEMICAL STABILITY

- Stable under normal conditions

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

- None known

10.4 CONDITIONS TO AVOID

- Excessive heat. High energy sources of ignition. Heat. Sparks. Open flames. Other sources of ignition.

10.5 INCOMPATIBLE MATERIALS

- Natural Rubber.

10.6 HAZARDOUS DECOMPOSITION

- Material does not decompose at ambient temperatures.

11. TOXICOLOGICAL INFORMATION**11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

- Not classifiable as a human carcinogen

11.2 SYMPTOMS / ROUTES OF EXPOSURE

- EYE CONTACT: May cause mild irritation but does not injure eye tissue.
- SKIN CONTACT: No irritation. Not a skin sensitiser
- INHALATION: Not expected to be a problem. Vapours or mist from hot oil may cause discomfort and irritate the respiratory tract.
- INGESTION: Not toxic. Acute oral toxicity (LD50 rat) >2000mg/kg (based on data for component).

12. ECOLOGICAL INFORMATION**12.1 TOXICITY**

- Ecotoxicity: Effects have not been established.

12.2 PERSISTANCE AND DEGRADABILITY

- Readily biodegradable

12.3 BIOACCUMULATIVE POTENTIAL

- Not bioaccumulate.

12.4 MOBILITY IN SOIL

- Product does not evaporate from surface soil or water. It is insoluble in water.
- Readily absorbed by soil

12.5 RESULTS OF PBT AND vPvB ASSESSMENT

- Not considered to be PBT or vPvB.

12.6 OTHER ADVERSE EFFECTS

- Not known

13. DISPOSAL CONSIDERATIONS**13.1 WASTE TREATMENT METHODS**

- This product is NOT suitable for disposal via municipal sewers, drains, natural streams or rivers.
- Disposal in regulated landfill sites or other hazardous or toxic waste providers.

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

15.1 SAFETY, HEALTH AND ENVIRONMENT REGULATIONS/LEGISLATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE**15.2 CHEMICAL SAFETY ASSESSMENT**

- A chemical safety assessment has not been carried out on this material.

16. ALLERGEN STATEMENT

- We hereby certify that our indirect food contact lubricants & cleaners are USDA H1 and/or NSF H1 approved complying with FDA 21 CFR 178.3570. for lubricants with incidental food contact, they are comprehensively used in the food processing, cosmetics and pharmaceutical industries.
- We confirm that they do not contain any fats or products derived from animal fats.
- They are therefore free from any BSE and TSE organisms.
- We also certify that the ingredients we use DO NOT contain lead, nuts or any of the 14 allergens detailed in EU legislation.
- We also state that there is NO LATEX components in or does not come into contact with any Latex components during the course of the manufacturing process.

17. OTHER INFORMATION

- This safety data sheet was prepared in accordance with (EU) No 453/2010.
- 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