

# SAFETY DATA SHEET

## FS-CHAIN TECH AEROSOL

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

\* CHEMICAL NAME: FS-CHAIN TECH Aerosol  
Application: A fully synthetic food safe lubricant complying with E.C. regulations and formulated with FDA: approved ingredients. Operates effectively from -40°C to 340°C. Suitable for food processing machinery.

\* SUPPLIER: Global Lubricants Ltd

\* ADDRESS: 7 Sandwell Business Development Cntr, Oldbury Rd, Smethwick, West Mids B66 1NN

\* EMERGENCY TELEPHONES: + 44 (0) 121 544 3638

\* FAX: + 44 (0) 121 544 6505

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

* <u>INGREDIENT NAME:</u>	CAS N°	CONTENTS	HEALTH (class)	RISK (R N°.)
PENTANE	109-66-0	20-40%	--	
LIQUEFIED PETROLEUM GAS	68476-85-7	20-40%	--	
HYDROCARBON DISTILLATE	92045-53-9	10.-30	Xn	65

COMPOSITION COMMENTS Blend of synthetic hydrocarbon lubricant, containing PTFE, in non chlorinated, non aromatic hydrocarbon solvents. Aerosol propelled by petroleum gas.

### 3. HAZARDS IDENTIFICATION .

EXTREMELY FLAMMABLE

### 4. FIRST AID MEASURES

\* SKIN CONTACT: Promptly wash contaminated skin with soap and water. Remove clothing if soaked and wash as above.

\* EYE CONTACT: Flush eyes thoroughly with copious amounts of water while lifting eye lids. Get medical attention if any discomfort continues.

\* INHALATION: Provide rest, warmth and fresh air. Obtain medical advise if discomfort continues

\* INGESTION: Rinse mouth thoroughly with water and give large amounts of milk/water. Seek medical advise if large amount has been consumed

### 5. FIRE FIGHTING MEASURES

\* EXTINGUISHING MEDIA: Fire can be extinguished using dry powder or CO2

\* SPECIAL FIRE FIGHTING PROCEDURES: Breathing apparatus should be worn if exposed to fumes is likely

\* UNUSUAL FIRE & EXPLOSION HAZARDS: Possible risk of can rupture when exposed to fire/high temperatures. Contents of aerosol will add fuelling of fire.

\* HAZARDOUS DECOMPOSITION PRODUCTS: Fire or high temperature creates oxides of carbon. Contains P.T.F.E.

## 6. ACCIDENTAL RELEASE MEASURES

---

=

SPILL CLEAN UP METHODS: Extinguish all sources of ignition. Absorb material from ruptured or leaking containers onto an inert material. transfer to suitable container for subsequent disposal.

## PRODUCT: FS-CHAIN TECH AEROSOL

### 7. HANDLING AND STORAGE

USAGE PRECAUTIONS: Keep away from heat, sparks and open flame. Store below 50°C. CAUTION pressurised container. Do not puncture or incinerate even when empty. Do not spray onto naked flame or any incandescent material

\* STORAGE PRECAUTIONS: Store in a cool, dry place away from all sources of heat including direct sunlight.

### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

* <u>INGREDIENT NAME:</u>	CAS N°	STD (8 hrs)	LT EXP	ST EXP (10 min)
PENTANE	109-66-0 OES	600 ppm		750 ppm
LIQUEFIED PETROLEUM GAS	68476-85-7	OES	1000 ppm	1250 ppm
HYDROCARBON DISTILLATE	92045-53-9	OES	400 ppm	500 ppm

INGREDIENT COMMENTS:

OES Occupational Exposure Standard  
LT EXP Long Term Exposure Limit  
ST EXP Short Term Exposure Limit

\* PROTECTIVE EQUIPMENT: Goggles/Gloves

\* VENTILATION: No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation

\* RESPIRATORS: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OES).

\* PROTECTIVE GLOVES: Chemical resistant gloves required for prolonged or repeated contact. the use of suitable barrier cream is advised, but not as a substitute for gloves.

\* EYE PROTECTION: Safety goggles/glasses are advised if there is a risk of eye contact.

### 9. CHEMICAL AND PHYSICAL PROPERTIES

* <u>APPEARANCE:</u>	Aerosol
* <u>ODOUR/TASTE:</u>	None
* <u>pH VALUE:</u>	N/A
* <u>SPECIFIC GRAVITY:</u> @ 20°C	N/A
* <u>FLASHPOINT (0°C):</u>	<21 Concentrate. <b>FLASH POINT METHOD:</b> CC (Closed Cup)

### 10. STABILITY AND REACTIVITY

\* MATERIAL TO AVOID: Strong oxidising agents

\* CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition.

\* HAZARDOUS DECOMPOSITION PRODUCTS:  
Fire or high temperature create oxides of carbon.

### 11 TOXICOLOGICAL INFORMATION

\* HEALTH WARNINGS:

\* Skin contact : May cause irritation on sensitive skin. Low order of irritant.

\* Eye contact: May cause mild irritation or discomfort.

\* Inhalation: High concentrations of vapour may cause dizziness, nausea and headaches

\* Ingestion: May cause irritation to mouth, respiratory tract and intestinal system

## PRODUCT: FS-CHAIN TECH AEROSOL

### 12. ECOLOGICAL INFORMATION

- \* DEGRADABILITY: High level of biodegradability  
\* ACUTE FISH TOXICITY: No Information available.  
\* WATER HAZARD CLASSIFICATION: No Information available.

### 13. DISPOSAL CONSIDERATIONS

- \* DISPOSAL METHODS: Do not puncture or incinerate even when empty. Dispose of in accordance with local authority requirements.

### 14. TRANSPORT INFORMATION

<b>ROAD</b>	UN No:	1950	ADR CLASS:	2
	CEPIC TEC(R) No:	20G26-2	ADR ITEM No:	10°(b2)
<b>AIR</b>	UN No:	1950	AIR TRANSPORT CLASS No:	2
	AIR PACK GR:	----		
<b>SEA</b>	UN No:	1950	SEA TRANSPORT CLASS No:	9
	IMDG Page No:	9022	SEA PACK GR.:	---

### 15. REGULATORY INFORMATION

- \* LABEL FOR SUPPLY: Extremely Flammable
- \* RISK PHRASES: R-12                      Extremely Flammable
- \* SAFETY PHRASES: S-16                      Keep away from sources of ignition-No smoking  
S-23                      Do not breath gas/fumes/vapour/spray.  
S-24                      Avoid contact with skin.  
S-51                      Use only in well ventilated areas.
- \* UK REGULATORY REFERENCES: The control of Substances Hazardous to Health Regulations 1988.  
Chemicals (Hazard Information & Packaging) Regulations 1993.

### 16. OTHER INFORMATION

USER NOTES:    The hydrocarbon distillers used in this product are classified as 'Harmful: May cause lung damage if swallowed' (R65). CHIP 96 exempts aerosols containing these distillates from being classified as harmful by their aspiration hazards.

- \* INGREDIENTS TO BE DECLARED:  
None

The following documentation is published by the UK Health and Safety Executive and is available from H.M. Stationary offices:  
EH 40 - Occupational exposure limits  
EH 58 - The carcinogenicity of mineral oils  
SHW 367 - Dermatitis cautionary notice  
SHW 397 - Effects of mineral oil on the skin

ALL INFORMATION CONTAINED IN THIS DATA SHEET IS IN ACCORDANCE WITH CHEMICALS HAZARD INFORMATION AND PACKING REGULATIONS.

REVISED ISSUE 21/02/03