

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

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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 (10 min)	ST EXP
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: @ 20°C</u>	N/A
* <u>FLASHPOINT (0°C):</u>	<21 Concentrate. FLASH POINT METHOD: 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

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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

ROAD	UN No:	1950	ADR CLASS:	2
	CEPIC TEC(R) No:	20G26-2	ADR ITEM No:	10°(b2)
AIR	UN No:	1950	AIR TRANSPORT CLASS No:	2
	AIR PACK GR:	----		
SEA	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.

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