Material Safety Data Sheet

Chemplex 825

Infosafe™ No. 5FUKH **Issue Date** February 2008 **Status** ISSUED by FUCHS BS: 1.10.9

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Chemplex 825
Product Code	
Company Name	FUCHS LUBRICANTS CO.
Address	17050 Lathrop Avenue Harvey Illinois 60426
Emergency Tel.	800- 255- 3924
Telephone/Fax Number	Tel: 708- 333-8900 Fax: 708- 333- 9180
Recommended Use	Supplied as a lubricating grease for use in suitable applications only.
Other Names	None Listed
Additional Information	Refer to Product Information sheet for further details.
Other Information	Visit our website: www.fuchs.com.au Orders Freecall (in Australia): 1800 1800 13 Orders Freecall (in New Zealand): 0800 382 476

2. HAZARDS IDENTIFICATION

Hazard Classification	This product is a semi-solid that is insoluble in water. Direct eye contact may cause minor, short term irritation. Short term

skin exposure is not expected to be irritating. Inhalation and ingestion
are not anticipated routes of exposure during normal conditions of use.

Other Information Used lubricants may contain harmful impurities or contaminants that have accumulated during use. The concentration of such impurities or contaminants will depend on use and they may present risks to health and environment on diposal. All used lubricants should be handled with caution and skin contact avoided as far as possible.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Solid

Ingredients	Name	CAS	Proportion
	Fumed Silica	proprietary	<10 %

4. FIRST AID MEASURES

Inhalation If signs or symptoms of overexposure occur, remove the employee to fresh
air. If symptoms persist, seek medical attention.

Ingestion If ingested, dilute stomach contents with two glasses of milk or water.
(NOTE: Do NOT give anything by mouth to an unconscious person.) Do not
induce vomiting without medical supervision. If vomiting occurs spontaneously, keep airway clear. If symptoms of ingestion persist, seek
medical attention.

Skin Remove product from the skin by washing with a mild soap and water.
Contaminated clothing should be removed to prevent prolonged exposure.
If product is injected under the skin, seek treatment immediately.
If symptoms of exposure persist, contact a physician.

Eye Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. If persistent irritation occurs, obtain medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

In accordance with NFPA guidance, dry chemical, foam, or CO2 fire extinguishers are all acceptable. Note that while water fog extinguishers are also acceptable, do NOT apply a direct stream of water onto burning product because it may cause spreading and increase fire intensity.

Special Protective Equipment for fire fighters

See Section 8 of the MSDS for other PPE to be worn as conditions warrant.

Specific Methods

Emergency responders in the danger area should wear bunker gear and selfcontained breathing apparatus for fires beyond the incipient stage.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Important: As with any spill or leak, before responding ensure that you are familiar with the potential hazards and recommendations of the MSDS. Appropriate personal protective equipment must be worn. See Section 8 of this MSDS for PPE recommendations. If possible, safely contain the spill with dikes or other spill response equipment appropriate for petroleum or organic material releases. Take measures to prevent spreading of product. Note that while product will ignite it will not readily burn. However, as a precaution eliminate ignition sources. Prevent from entering sewers or waterways. Large volumes may be transferred to an appropriate container for proper disposal. Small volumes or residues may be soaked up with absorbents. Spill response materials should be collected for proper disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

As with any industrial chemical, handle the product in a manner that minimizes exposure to practicable levels. Prior to handling, consult Section 8 of this MSDS to evaluate personal protective equipment needs. Open containers slowly to relieve any pressure. Follow all other standard industrial hygiene practices. Empty containers may contain product residue. All safety precautions taken when handling this product should also be taken when

handling empty
drums and containers. Keep containers closed when not in use. Product residue in empty containers is combustible but will not readily
burn. NOTE however, that excessive heating or cutting of empty containers
may create an ignition source sufficient to start a fire and in extreme
cases, cause an explosion.

Conditions for Safe Storage Protect product quality by storing indoors and away from extreme temperatures. Close all containers when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls Normal general ventilation is expected to be adequate. It is recommended that ventilation be designed in all instances to maintain airborne concentrations at lowest practicable levels. Ventilation should at a minimum, prevent airborne concentrations from exceeding any exposure limits listed in Section 2 of this MSDS. The user may wish to refer to 29 CFR 1910.1000(d) (2) and the ACGIH 'Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices' (Appendix C) for the determination of exposure limits of mixtures. An industrial hygienst or similar professional may be consulted to confirm that the calculated exposure limits apply.

Respiratory Protection A respirator may be worn to reduce exposure to vapours, dust or mist. Select a NIOSH/MSHA approved respirator appropriate for the type and physical character of the airborne material. A self-contained breathing apparatus is recommended in all situations where airborne contaminant concentration had not been confirmed to be below safe levels. Respirator use should comply with the OSHA Respirator Protection Standard found in 29 CFR 1910.134.

Eye Protection Wear eye protection appropriate to prevent eye exposure. Where splashing is not likely, chemical safety glasses with side shields are recommended. Where splashing may occur, chemical goggles or full face shield is recommended.

Hand Protection Gloves are not normally needed during normal conditions of use. If health effects are experienced, oil or chemical resistant gloves such as butyl or nitrile are recommended.

Body Protection Where splashing or soaking is likely, wear oil or chemical resistant clothing to prevent exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Solid

Appearance Translucent white gel

Odour	Odourless
Solubility in Water	Not soluble
Specific Gravity	0.97 typical
pH Value	Not relevant
Vapour Pressure	Less than 0.002 kPa @ 20°C
Evaporation Rate	Very low
Flash Point	148 °C (Method: COC) .

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of use
Conditions to Avoid	Avoid contact with incompatible materials and exposure to extreme temperatures.
Incompatible Materials	Strong oxidising agents
Hazardous Decomposition Products	Thermal decomposition products are dependent on combustion conditions. A complex mixture of airborne solid, liquid, particulates and gasses may evolve when the material burns. Combustion byproducts may include: oxides of carbon, incompletely burned hydrocarbons as fumes and smoke.
Hazardous Polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Toxicology Information	Estimated oral LD50, Rat: greater than 2000 mg/kg (based on data available for similar substances).
Inhalation	This product has low volatility and so is not expected to cause respiratory tract irritation during normal conditions of use. . Exposure to high mist levels in poorly ventilated areas may cause upper respiratory tract irritation and difficulty breathing.
Ingestion	Ingest may result slight stomach irritation and discomfort.
Skin	Short term skin contact is not expected to cause skin irritation. . Prolonged or repeated direct exposure to the skin may result in symptoms of irritation and redness. .

Eye This product is not expected to cause eye irritation under normal conditions of use. Symtoms of slight eye irritation may result when direct contact occurs, or when exposed to high mist levels in poorly ventilated areas.

Chronic Effects Not available.

Carcinogenicity Product is not a known carcinogen.

12. ECOLOGICAL INFORMATION

Ecological Information This product has not been evaluated for ecotoxicity. As with any industrial chemical, exposure to the environment should be prevented and minimized wherever possible.

Persistence / Degradability The degree of biodegradability and persistence of this product has not been determined.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations Dispose of waste according to federal, EPA, state and local regulations.

Waste Disposal Ensure that collection, transport, treatment, and disposal of waste product, containers and rinsate complies with all applicable laws and regulations. Note that use, mixture, processing, or contamination of the product may cause the material to be classified as a hazardous waste. It is the responsibility of the product user or owner to determine at the time of disposal, whether the product is regulated as a hazardous waste.

14. TRANSPORT INFORMATION

Transport Information Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

SARA (313) Chemicals

This product contains NONE of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Packaging & Labelling

No special packaging or labelling requirements.

16. OTHER INFORMATION

Contact Person/Point

Laboratory Manager +61 (0)3 9300 6400
Research & Development Chemist +61 (0)3 9300 6400
New Zealand Office +64 9 828 3255

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorosed use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Material Safety Data Sheets are updated frequently. Please ensure you have a current copy.

Literature References

* NOHSC:2011 National Code of Practice for the Preparation of Material Safety Data Sheets
* NOHSC:1008 Approved Criteria for Classifying Hazardous Substances
* NOHSC:10005 List of Designated Hazardous Substances
* NOHSC:1005 Control of Workplace Hazardous Substances, National Model Regulations
* NOHSC:2007 Control of Workplace Hazardous Substances, National Code of Practice
* NOHSC:1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards
* NOHSC:3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note
* NOHSC:1015 Storage and Handling of Workplace Dangerous Goods, National Standard
* NOHSC:2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice
* SUSDP, Standard for the Uniform Scheduling of Drugs and Poisons
* ADG, Australian Dangerous Goods Code
* MSDS of component materials.

Last Change

Reason/s for revision: New MSDS.
Supersedes issue date: not applicable.

End of MSDS

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