



Krytox™ 240 Series Greases

Version 3.0

Revision Date 10/22/2015

Ref. 150000002935

This SDS adheres to the standards and regulatory requirements of Canada and may not meet the regulatory requirements in other countries.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Krytox™ 240 Series Greases
Product Grade/Type : 240: AA, AB, AC, AD, AY, AZ, AZGR1
MSDS Number : 150000002935
Product Use : Lubricant, For industrial use only.
Manufacturer : THE CHEMOURS CANADA COMPANY
PO BOX 118
STREETSVILLE ON L5M 2B7
Product Information : 1-844-773-CHEM
Medical Emergency : 1-866-595-1473 (24 hours)
Other information : professional use

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

The product as such is not hazardous. The thermal decomposition vapours of fluorinated polymers may cause polymer fume fever with flu-like symptoms in humans, especially when smoking contaminated tobacco. Repeated episodes of polymer fume fever may result in persistent lung effects.

Potential Health Effects

Skin : May cause: slight irritation, Redness.

Eyes : May cause eye irritation. Discomfort, tearing, Blurred vision.

Carcinogenicity

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Perfluoropolyether		70 - 80 %
PTFE		20 - 30 %

SECTION 4. FIRST AID MEASURES

Skin contact	: Wash with water and soap as a precaution.
Eye contact	: Rinse with plenty of water. If eye irritation persists, consult a specialist.
Inhalation	: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. Oxygen or artificial respiration if needed.
Ingestion	: Never give anything by mouth to an unconscious person. DO NOT induce vomiting unless directed to do so by a physician or poison control center.
General advice	: When symptoms persist or in all cases of doubt seek medical advice.
Notes to physician	: Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Flammable Properties	
Flash point	: Method : Pensky-Martens closed cup - PMCC does not flash
Thermal decomposition	: 300 °C (572 °F)



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- Fire and Explosion Hazard : In fire conditions, toxic decomposition products may be formed. (see also section 10)
- Suitable extinguishing media : The product itself does not burn.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Firefighting Instructions : Wear self-contained breathing apparatus (SCBA). Wear suitable protective equipment.
Standard procedure for chemical fires.

SECTION 6. ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

- Safeguards (Personnel) : Avoid contact with the skin and the eyes. Refer to protective measures listed in sections 7 and 8.
- Spill Cleanup : Shovel into suitable container for disposal.
- Accidental Release Measures : Prevent material from entering sewers, waterways, or low areas.

SECTION 7. HANDLING AND STORAGE

- Handling (Personnel) : Avoid breathing vapors from overheated material. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.
General industrial hygiene practice.
Keep away from food and drink. Keep away from tobacco products. Wash hands and face before breaks and immediately after handling the product.
- Storage : No special storage conditions required. Keep container closed to prevent



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contamination.
No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls : In the event that the polymer is heated above 300°C (572 F) local ventilation should be used to avoid exposure to fumes.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required. In the case of hazardous fumes caused by overheating, wear self-contained breathing apparatus.

Hand protection : Additional protection: No particular glove type is recommended, but nitrile may be used.

Eye protection : Safety glasses

Skin and body protection : No PPE is specified however, avoid contact with skin, eyes, and clothing. Preventive skin protection

Exposure Guidelines

Exposure Limit Values

None established.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : grease
Color : white
Odor : none
pH : neutral
Melting point : 320 °C (608 °F)
Specific gravity : 1.89 - 1.93
Water solubility : insoluble



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Viscosity : no data available
Viscosity, kinematic : no data available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Decomposition temperature 320 °C (608 °F)
Hazardous decomposition products : Hazardous thermal decomposition products:: Fluorinated compounds

SECTION 11. TOXICOLOGICAL INFORMATION

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Oral ALD - Approximate : > 11,000 mg/kg , Rat
Lethal Dose
Skin irritation : slight irritation, Rabbit
Eye irritation : slight irritation, Rabbit
Sensitisation : Animal test did not cause sensitization by skin contact., Guinea pig
Further information : The product contains no substances classified as hazardous to health in concentrations which should be taken into account.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity
Perfluoropolyether
96 h LC50 : Oncorhynchus mykiss (rainbow trout) > 1,000 mg/l
72 h ErC50 : Pseudokirchneriella subcapitata (green algae) > 1,000 mg/l
72 h NOEC : Pseudokirchneriella subcapitata (green algae) > 1,000 mg/l



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48 h EC50 : Daphnia magna (Water flea) > 100 mg/l

PTFE : The substance is a polymer and is not expected to produce toxic effects.

Environmental Fate
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Biodegradability : Not readily biodegradable.

Additional ecological information : The product contains no substances classified as hazardous to the environment in concentrations which should be taken into account.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal : In accordance with local and national regulations.

Environmental Hazards : Dispose of container properly.
If recycling is not practicable, dispose of in compliance with local regulations.

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

DSL : On the inventory, or in compliance with the inventory

WHMIS Classification : - Not WHMIS controlled.



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Remarks : This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

SECTION 16. OTHER INFORMATION

MSDS preparation date : 10/22/2015

Restrictions for use : Do not use for medical-clinical purposes.

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