

**Krytox™ PFPE/PTFE Greases with Soluble Additive**

Version 3.1

Revision Date 07/20/2016

Ref. 150000000933

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

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Krytox™ PFPE/PTFE Greases with Soluble Additive
Product Grade/Type	:	XP: 2A0, 2A1, 2A2, 2A3, 2A4, 2A5, 2A6, 2A7 GPL: 226SR, 227SR NRT 8906A, AUT 2A45
<hr/>		
Product Use	:	Lubricant, For industrial use only.
Restrictions on use	:	Do not use product for anything outside of the above specified uses
Manufacturer/Supplier	:	The Chemours Company FC, LLC 1007 Market Street Wilmington, DE 19899 United States of America
Product Information	:	1-844-773-CHEM (outside the U.S. 1-302-773-1000)
Medical Emergency	:	1-866-595-1473 (outside the U.S. 1-302-773-2000)
Transport Emergency	:	CHEMTREC: +1-800-424-9300 (outside the U.S. +1-703-527-3887)
Other information	:	professional use

SECTION 2. HAZARDS IDENTIFICATION

Not classified as a hazardous substance or mixture according to the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard 2012.

Other hazards

No applicable data available.

**Krytox™ PFPE/PTFE Greases with Soluble Additive**

Version 3.1

Revision Date 07/20/2016

Ref. 150000000933

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain any components that require disclosure according to OSHA Hazard Communication Standard 2012.

SECTION 4. FIRST AID MEASURES

General advice	: When symptoms persist or in all cases of doubt seek medical advice.
Inhalation	: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.
Skin contact	: Wash off with soap and plenty of water.
Eye contact	: Rinse with plenty of water. If eye irritation persists, consult a specialist.
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.
Most important symptoms/effects, acute and delayed	: No applicable data available.
Protection of first-aiders	: If potential for exposure exists refer to Section 8 for specific personal protective equipment.
Notes to physician	: No applicable data available.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : The product itself does not burn.

**Krytox™ PFPE/PTFE Greases with Soluble Additive**

Version 3.1

Revision Date 07/20/2016

Ref. 150000000933

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : No applicable data available.

Specific hazards : In fire conditions, toxic decomposition products may be formed. (see also section 10)

Special protective equipment for firefighters : Wear self-contained breathing apparatus (SCBA). Wear suitable protective equipment.

Further information : 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) : No applicable data available.

Environmental precautions : Prevent material from entering sewers, waterways, or low areas.

Spill Cleanup : Shovel into suitable container for disposal.

Accidental Release Measures : No applicable data available.

SECTION 7. HANDLING AND STORAGE

Handling (Personnel) : Avoid breathing vapors from overheated material. Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling.
General industrial hygiene practice.

Handling (Physical Aspects) : No applicable data available.

Dust explosion class : No applicable data available.

Storage : No special storage conditions required. Keep container closed to prevent

**Krytox™ PFPE/PTFE Greases with Soluble Additive**

Version 3.1

Revision Date 07/20/2016

Ref. 150000000933

contamination.
No decomposition if stored and applied as directed.

Storage period : No applicable data available.

Storage temperature : No applicable data available.

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: Impervious gloves

Eye protection : Safety glasses

Skin and body protection : No PPE is specified however, avoid contact with skin, eyes, and clothing.
Preventive skin protectionExposure Guidelines
Exposure Limit Values

This product does not contain any exposure limits that require disclosure according to OSHA Hazard Communication Standard 2012.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIESAppearance
Physical state : solid
Form : grease
Color : white

**Krytox™ PFPE/PTFE Greases with Soluble Additive**

Version 3.1

Revision Date 07/20/2016

Ref. 150000000933

Odor	: none
Odor threshold	: No applicable data available.
pH	: neutral
Melting point/freezing point	: Melting point/range 320 °C (608 °F)
Boiling point/boiling range	: No applicable data available.
Flash point	: does not flash
Evaporation rate	: No applicable data available.
Flammability (solid, gas)	: No applicable data available.
Upper explosion limit	: No applicable data available.
Lower explosion limit	: No applicable data available.
Vapour Pressure	: No applicable data available.
Vapour density	: No applicable data available.
Specific gravity (Relative density)	: 1.9 at 24 °C (75 °F)
Water solubility	: insoluble
Solubility(ies)	: No applicable data available.
Partition coefficient: n-octanol/water	: No applicable data available.
Auto-ignition temperature	: No applicable data available.
Decomposition temperature	: 300 °C
Viscosity, kinematic	: No applicable data available.

**Krytox™ PFPE/PTFE Greases with Soluble Additive**

Version 3.1

Revision Date 07/20/2016

Ref. 150000000933

Viscosity, dynamic : No applicable data available.

SECTION 10. STABILITY AND REACTIVITY

- Reactivity : Stable under recommended storage conditions.
- Chemical stability : The product is chemically stable under recommended conditions of storage, use and temperature.
- Possibility of hazardous reactions : No applicable data available.
- Conditions to avoid : Temperature 300 °C (572 °F)
- Incompatible materials : No applicable data available.
- Hazardous decomposition products : Hazardous thermal decomposition products:
Fluorinated compounds

SECTION 11. TOXICOLOGICAL INFORMATION**Krytox™ PFPE/PTFE Greases with Soluble Additive**

- Oral LD50 : > 5,000 mg/kg , Rat
- Skin irritation : slight irritation, Rabbit
- Eye irritation : slight irritation, Rabbit
- Further information : Information given is based on data on the components and the toxicology of similar products.

Carcinogenicity

The carcinogenicity classifications for this product and/or its ingredients have been determined according to HazCom 2012, Appendix A.6. The classifications may differ from those listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or those found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition).



Krytox™ PFPE/PTFE Greases with Soluble Additive

Version 3.1

Revision Date 07/20/2016

Ref. 150000000933

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.

SECTION 12. ECOLOGICAL INFORMATION

Environmental Fate

Krytox™ PFPE/PTFE Greases with Soluble Additive

Biodegradability : Not readily biodegradable.

Additional ecological information : No data is available on the product itself.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal methods - Product : In accordance with local and national regulations.

Contaminated packaging : 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

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



Krytox™ PFPE/PTFE Greases with Soluble Additive

Version 3.1

Revision Date 07/20/2016

Ref. 150000000933

SECTION 16. OTHER INFORMATION

Restrictions for use : Do not use or resell Chemours™ materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless agreed to by Seller in a written agreement covering such use. For further information, please contact your Chemours representative.

Krytox™ and any associated logos are trademarks or copyrights of The Chemours Company FC, LLC. Chemours™ and the Chemours Logo are trademarks of The Chemours Company.

Revision Date : 07/20/2016

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Significant change from previous version is denoted with a double bar.