



DISP 30

Version 3.0

Revision Date 02/09/2016

Ref. 130000101721

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 : DISP 30
Tradename/Synonym : TE3970

Product Use : Coatings, For industrial use only.

Restrictions on use : Do not use in medical applications involving permanent implantation in the human body., See Section 16

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)

SECTION 2. HAZARDS IDENTIFICATION

Product hazard category

Serious eye damage/eye irritation Category 2A

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Label content

Pictogram

:



Signal word

: Warning

Hazardous warnings

: Causes serious eye irritation.

Hazardous prevention
measures

: Wash skin thoroughly after handling.
Wear eye protection/ face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/ attention.

Other hazards

The thermal decomposition vapours of fluorinated plastics 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.

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 3.15 %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
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Polyoxyethylene alkylether	60828-78-6	1 - 5 %
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Non-hazardous ingredients

Polytetrafluoroethylene	9002-84-0	55 - 65 %
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Any component and/or concentration (exact percentage) not specifically identified is considered a trade secret.

SECTION 4. FIRST AID MEASURES

- General advice : Never give anything by mouth to an unconscious person. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
- Inhalation : Remove person to fresh air. If signs/symptoms continue, get medical attention. Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.
- Skin contact : Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water.
- Eye contact : Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
- Ingestion : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Get medical attention.

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- Most important symptoms/effects, acute and delayed : Eye contact may provoke the following symptoms: Pain, tearing, swelling, redness, or temporary visual impairment. Inhalation of decomposition products in high concentration may cause shortness of breath (lung oedema). The thermal decomposition vapours of fluorinated plastics may cause polymer fume fever with flu-like symptoms in humans, especially when smoking contaminated tobacco.
- Protection of first-aiders : If potential for exposure exists refer to Section 8 for specific personal protective equipment.
- Notes to physician : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray, Carbon dioxide (CO₂), Foam, Dry chemical
- Unsuitable extinguishing media : No applicable data available.
- Specific hazards : Difficult to ignite, and flame goes out when initiating source is removed.
Hazardous thermal decomposition products:
Hydrogen fluoride
toxic or highly toxic fluorides
Carbon monoxide
Hazardous thermal decomposition products: Fluorinated compoundsHydrofluoric acid...%, Carbon monoxide.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus and protective suit. Wear neoprene gloves during cleaning up work after a fire.
- Further information : Protect from hydrogen fluoride fumes which react with water to form hydrofluoric acid.



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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) : Refer to protective measures listed in sections 7 and 8. Material can create slippery conditions.
- Environmental precautions : Prevent material from entering sewers, waterways, or low areas. Should not be released into the environment.
- Spill Cleanup : Clean contaminated floors and objects thoroughly while observing environmental regulations. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
- Accidental Release Measures : For disposal considerations see section 13.

SECTION 7. HANDLING AND STORAGE

- Handling (Personnel) : Avoid contact with skin, eyes and clothing. Avoid inhalation of vapour or mist. General precaution for all plastics and elastomers: Provide appropriate exhaust ventilation at dryers, machinery and at places where dust or volatiles can be generated. Do not contaminate tobacco products. Wash hands before breaks and immediately after handling the product. Do not breathe vapours or spray mist.
- Handling (Physical Aspects) : Provide appropriate exhaust ventilation at machinery.
- Dust explosion class : No applicable data available.
- Storage : No special restrictions on storage with other products. Keep away from tobacco products. Do not freeze.



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Storage period : No applicable data available.

Storage temperature : 10 - 27 °C (50 - 81 °F)

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls : Use local exhaust to completely remove vapors and fumes liberated during hot processing from the work area. Use sufficient ventilation to keep employee exposure below recommended limits.

Personal protective equipment

Respiratory protection : In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Hand protection : Additional protection: Impervious gloves

Hand protection : Additional protection: When handling hot material, use heat resistant gloves.

Eye protection : Safety glasses with side-shields Wear coverall chemical splash goggles and face shield when the possibility exists for eye and face contact due to splashing or spraying of material.

Skin and body protection : Wear as appropriate:
Apron
Boots
Chemical-resistant gloves

Exposure Guidelines
Exposure Limit Values

Polytetrafluoroethylene
No applicable data available.

Polyoxyethylene alkylether
No applicable data available.

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Non-Constituent(s)

Dust (inhalable and respirable fraction)			
Permissible exposure limit:	(OSHA)	5 mg/m ³	8 hr. TWA Respirable fraction.
Permissible exposure limit:	(OSHA)	15 mg/m ³	8 hr. TWA Total dust.
TLV	(ACGIH)	3 mg/m ³	TWA Respirable particles.
TLV	(ACGIH)	10 mg/m ³	TWA Inhalable particles.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical state	: liquid
Form	: liquid dispersion
Color	: milky
Odor	: slight, ammoniacal
Odor threshold	: No applicable data available.
pH	: 9 - 11
Melting point/freezing point	: Melting point/range 327 - 342 °C (621 - 648 °F)
Boiling point/boiling range	: Boiling point/boiling range 100 °C (212 °F) Water
Flash point	: does not flash

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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.
Density	: 1.4 - 1.7 g/cm ³
Specific gravity (Relative density)	: No applicable data available.
Water solubility	: Solids are insoluble., Dispersion may be diluted.
Solubility(ies)	: No applicable data available.
Partition coefficient: n-octanol/water	: No applicable data available.
Auto-ignition temperature	: 520 - 560 °C
Ignition temperature	: 530 - 550 °C
Decomposition temperature	: No applicable data available.
Viscosity, kinematic	: No applicable data available.
Viscosity, dynamic	: No applicable data available.
% Volatile	: 35 - 40 % Water
Limiting oxygen index	: > 95 %

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SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Decomposes on heating.
Chemical stability	:	Stable under recommended storage conditions.
Possibility of hazardous reactions	:	No applicable data available.
Conditions to avoid	:	Avoid heating for prolonged periods above the recommended upper processing limit.
Incompatible materials	:	No applicable data available.
Hazardous decomposition products	:	Hazardous thermal decomposition products may include: Fluorinated hydrocarbons, Carbonyl fluoride, Hydrogen fluoride

SECTION 11. TOXICOLOGICAL INFORMATION

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Eye irritation : Eye irritation, In Vitro - Bovine

Polyoxyethylene alkylether

Dermal LD50 : 4,971 mg/kg , Rabbit
Information given is based on data obtained from similar substances.Oral LD50 : 3,620 mg/kg , Rat
Information given is based on data obtained from similar substances.Skin irritation : No skin irritation, Rabbit
Information given is based on data obtained from similar substances.Repeated dose toxicity : Oral
Rat
-
No toxicologically significant effects were found., Information given is based on data obtained from similar substances.

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Mutagenicity : Did not cause genetic damage in cultured bacterial cells.
Information given is based on data obtained from similar substances.

Polytetrafluoroethylene
Inhalation : The thermal decomposition vapours of fluorinated plastics may cause polymer fume fever with flu-like symptoms in humans, especially when smoking contaminated tobacco.

Oral LD50 : > 11,280 mg/kg , Rat

Skin irritation : No skin irritation, Rabbit
No skin irritation, human

Skin sensitization : Does not cause skin sensitisation., human
Patch test on human volunteers did not demonstrate sensitisation properties.

Repeated dose toxicity : Oral - feed
Rat
-
No toxicologically significant effects were found.

Carcinogenicity : Not classifiable as a human carcinogen.

Mutagenicity : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Reproductive toxicity : No toxicity to reproduction

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

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).



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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

Aquatic Toxicity

Polyoxyethylene alkylether

96 h LC50

: Pimephales promelas (fathead minnow) 39 mg/l
Information given is based on data obtained from similar substances.

48 h EC50

: Daphnia magna (Water flea) 81.2 mg/l
Information given is based on data obtained from similar substances.

Polytetrafluoroethylene

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

Environmental Fate

Polyoxyethylene alkylether

Biodegradability

: Not biodegradable
Information given is based on data obtained from similar substances.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal methods -
Product

: Preferred option for disposal is to separate solids from liquid by precipitation and decanting or filtering. Dispose of dry solids in a landfill that is permitted, licensed or registered by a state to manage industrial solid waste. Discharge liquid filtrate to a wastewater treatment system. Incinerate only if incinerator is capable of scrubbing given out hydrogen fluoride and other acidic combustion products.

Contaminated packaging

: Empty containers should be taken to an approved waste handling site for recycling or disposal.



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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 |
| SARA 313 Regulated Chemical(s) | : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. |
| PA Right to Know Regulated Chemical(s) | : Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Polytetrafluoroethylene |
| California Prop. 65 | : WARNING! This product contains a chemical or chemicals known to the State of California to cause cancer. Tetrafluoroethylene |

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. |
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Chemours™ and the Chemours Logo are trademarks of The Chemours Company. Before use also read the following bulletin(s): Fluoropolymer Safe Handling Guide published by the Society of the Plastics Industry.



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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.

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