SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product Name: Fluorinated Carbon Nanotubes
CAS Number:

1.2 Relevant identified uses of the substance or mixture and uses advised against.
Identified uses: For R&D use only

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet
MENDEL Chemicals SRL
Moldova, Chisinau, str.Cetatea Alba 16A
MD-2002
t: +37378813683
f: +37322857123
e: info@mendelchemicals.com
w: mendelchemicals.com

1.4.Emergency telephone number
Moldova: +37378813683 MENDEL Chemicals SRL
In case of medical emergency phone 112 (Moldova) or to your local emergency number.

SECTION 2: Hazards identification

2.2 Label elements
Labeling according Regulation (EC) No 1272/2008

2.3 Other hazards
No additional information available

SECTION 3: Composition/information on ingredients

3.1 Substances

SKU: MND-131376
SECTION 4: First aid measures

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
Carbon oxides, Nitrogen oxides (NOx), silicon oxides

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.
Evacuate personnel to safe areas.
For personal protection see section 8.

6.2 Environmental precautions
Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.2 Conditions for safe storage, including any incompatibilities

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Ingredients with workplace control parameter

8.2 Exposure controls
Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment
Eye/face protection
Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection
Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use (US) or type ABEK (EN14387) respirator cartridges as a backup to enginee protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Do not let product enter drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
a) Appearance - No data available
b) Odor - No data available
c) Odor Threshold - No data available
d) pH - No data available
e) Melting point/freezing point - No data available
f) Initial boiling point and boiling range - No data available

g) Flash point - No data available / No data available
h) Evaporation rate - No data available
i) Flammability (solid, gas) - No data available
j) Upper/lower flammability or explosive limits - No data available
k) Vapour pressure - No data available
l) Vapour density - No data available
m) Density - No data available
n) Water solubility - No data available
o) Partition coefficient: noctanol/water - No data available
p) Auto-ignition temperature - No data available
q) Decomposition temperature - No data available

SECTION 10: Stability and reactivity

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Acids, Bases, Alcohols, Strong oxidizing agents, Material generates methanol on contact with water or moisture

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx), silicon oxides
Other decomposition products - No data available
In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity
No data available
Skin corrosion/irritation
No data available
Serious eye damage/eye irritation
No data available
Respiratory or skin sensitization
No data available
Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

11.2 Additional Information

Endocrine disrupting properties

Product:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU)

RTECS: No data available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

Product:

Assessment

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU)

12.7 Other adverse effects

SECTION 13: Disposal considerations

Product: Fluorinated Carbon Nanotubes

13.1 Waste treatment methods
Product
See www.moldrec.md for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

SECTION 14: Transport information

14.1 UN number
ADR/RID:
IMDG:
IATA:

14.2 UN proper shipping name
ADR/RID: Fluorinated Carbon Nanotubes
IMDG: Fluorinated Carbon Nanotubes
IATA: Fluorinated Carbon Nanotubes

14.3 Transport hazard class(-es)
ADR/RID:
IMDG:
IATA:

14.4 Packaging group
ADR/RID:
IMDG:
IATA:

14.5 Environmental hazards
ADR/RID:
IMDG:
IATA:

14.6 Special precautions for user:

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment
For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

The information provided above is believed to be accurate; however, it should not be considered exhaustive and is intended solely as a reference. This document is based on our current knowledge and pertains to the product in the context of appropriate safety precautions. It does not constitute a warranty regarding the product's properties. [Your Company Name] and its Affiliates shall not assume liability for any damages arising from the handling or contact with the aforementioned product. For further terms and conditions of sale, please refer to www.mendelchemicals.com

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