

Safety Data Sheet

Crafter's Choice™ Cyclomethicone NF

Crafter's Choice Brands, LLC
7820 E. Pleasant Valley Road
Independence, OH 44131
Telephone: (800) 908-7028
www.Crafters-Choice.com

1. PRODUCT IDENTIFICATION

Product Name: Crafter's Choice™ Cyclomethicone NF
Chemical Name: Decamethylcyclopentasiloxane
REACH Registration #: 01-2119511367-43-0003
CAS Number: 541-02-6

Supplier: Crafter's Choice Brands, LLC
7820 East Pleasant Valley Road
Independence, OH 44131

Emergency Phone Number: ChemTel(MIS3548100)
(800) 255-3924 United States, Canada, Puerto Rico and the U.S. Virgin Islands
(813) 248-0585 International

2. HAZARDS IDENTIFICATION

Emergency Overview:

Appearance:
Color: Colorless
Form : Slightly Viscous
Physical State : Liquid
Odor: Odorless

Signal Words: WARNING!

Potential Physical / Chemical Effects: Combustible Liquid

Inhalation: No adverse effects due to inhalation are expected.

Skin: Non-irritating.

Eye: Slightly irritating.

Ingestion: No adverse effects due to ingestion are expected.

Environment: Not regarded as dangerous for the environment.

OTHER INFORMATION No other information noted.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substances:

General information:

CAS Number: 541-02-6
EC Number: 208-764-9
REACH Registration Number: 01-2119511367-43-0003
Purity: >60%
Synonyms: -

4. FIRST AID MEASURES

General: For further information refer to section 8 "Exposure-controls/personal protection".

Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin Contact: Remove contaminated clothing and shoes. Immediately wipe excess material off skin with a dry cloth; then wash skin with plenty of soap and water. Seek medical attention if irritation develops or persists.

Eye Contact: In case of contact, immediately absorb excess with clean absorbent cloth or cotton. Then, hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists or if visual changes occur.

Ingestion: Do not induce vomiting. Rinse mouth thoroughly. Get medical attention if symptoms occur.

Notes to Physician:

Hazards: No specific recommendations

Treatment: No specific recommendations

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Dry chemical, alcohol resistant foam or carbon dioxide (CO₂).

Unsuitable Extinguishing Media: Do not use water jet as an extinguisher, as this will spread the fire.

Unusual Fire & Explosion Hazards: Combustible liquid. Exposure to fire can generate toxic fumes.

Special Fire-Fighting Procedures: No special recommendations

Protective Measures: Firefighters should wear NIOSH/ MSHA approved self-contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool and disperse vapors.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.

Environmental Precautions:	Do not allow to enter drains, sewers or watercourses .
Spill Cleanup Methods:	Absorb with inert material. Scrape up and place in appropriate closed container see Section 7 of the SDS.
Notification Procedures:	Caution: Contaminated surfaces may be slippery. For waste disposal, see section 13 of the MSDS.

7. HANDLING AND STORAGE

Handling:	See Section 8 of the SDS for Personal Protective Equipment. For further information, refer to Section 10: "Stability and Reactivity".
Storage:	Store in tightly closed original container in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	None of the components have assigned exposure limits.
Protective Measures:	Provide sufficient ventilation during operations which cause vapor formation.
Respiratory Protection:	If ventilation is insufficient, suitable respiratory protection must be provided. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to fumes at levels exceeding the exposure limit.
Eye Protection:	Wear approved safety glasses.
Skin and Body Protection:	It is a good industrial hygiene practice to minimize skin contact. Wear suitable protective clothing and gloves.
Hygiene Measures:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical State:	Liquid
Form:	Slightly viscous
Color:	Colorless
Odor:	Odorless
Odor Threshold:	No data available.
pH:	Not applicable.
Freezing point:	-36°F (-38°C)
Boiling Point:	412°F (211°C)
Flash Point:	176°F (80°C) (Closed cup according to method Afnor T 60103.)
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%)-:	No data available.
Flammability Limit - Lower (%)-:	No data available.
Vapor pressure:	0.332 hPa (73°F (23°C))
Vapor density (air-1):	12.8
Relative density:	0.95 (68 °F (20 °C)) Approximate

Solubility(ies)	
Solubility in Water:	(73°F (23°C)) Practically insoluble
Solubility (other):	Common organic solvents: Miscible (in all proportions).
Partition coefficient (n-octanol/water):	5.2
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Viscosity:	Approximate 4 mm ² /s (77°F (25°C))
Explosive Properties:	No data available.
Oxidizing Properties:	According to the data on the components. Not considered as oxidizing. (evaluation by structure-activity relationship)

10. STABILITY AND REACTIVITY

Stability:	Stable
Possibility of Hazardous Reactions:	Will not occur.
Conditions to Avoid:	None known.
Incompatible Materials:	Strong oxidizers, strong acids, and strong bases.
Hazardous Decomposition Products:	Thermal decomposition may liberate oxides of carbon and amorphous silica.

11. TOXICOLOGICAL INFORMATION

Product:	
Acute Toxicity (Oral):	LC 50 (Rat): 8.67 mg/l
Inhalation:	No data available.
Ingestion:	No data available.
Skin Corrosion / Irritation:	No data available.
Serious Eye Damage / Irritation:	No data available.
Respiratory Sensitizer/ Skin Sensitizer:	No data available.
Carcinogenicity:	No data available.
Mutagenesis:	No data available.
Reproductive Toxicity:	No data available .

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
Product:	–
Acute toxicity(Fish):	LC 50 (Oncorhynchus mykiss, 96 h): >0.016 mg/l
Chronic toxicity (Fish):	NOEC (Oncorhynchus mykiss, 90 d): >=0.014 mg/l
Acute toxicity(Aquatic invertebrates):	LC 50 (Water flea (Daphnia magna),48 h): >0.0029 mg/l
Chronic toxicity (Aquatic invertebrates)	NOEC (Oncorhynchus mykiss, 90 d): >=0.014 mg/l
Acute toxicity(Aquatic plants):	EC 50 (Pseudokirchneriella subcapitata, 96 h): >0.012 mg/l NOEC (Pseudokirchneriella subcapitata, 96 h): >0.012 mg/l
Acute toxicity (Fish):	
Decamethylcyclopentasiloxane	LC 50(Oncorhynchus mykiss, 90h):>0.016 mg/l
Chronic toxicity (Fish):	
Decamethylcyclopentasiloxane	NOEC (Oncorhynchus mykiss, 90d):>0.014 mg/l
Acute toxicity (Aquatic invertebrates):	
Decamethylcyclopentasiloxane	LC 50 (Water flea (Daphnia magna), 48h):>0.0029 mg/l
Chronic Toxicity (Aquatic invertebrates):	
Decamethylcyclopentasiloxane	NOEC (Water flea (Daphnia magna), 21d):>0.015 mg/l
Acute toxicity (Aquatic plants):	
Decamethylcyclopentasiloxane	EC 50 (Pseudokirchneriella subcapitata, 96 h): >0.012 mg/l NOEC (Pseudokirchneriella subcapitata, 96 h): >0.012 mg/l
Persistence and degradability :	The product is not readily biodegradable.
Bioaccumulative potential:	No data available .
Mobility:	No data available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods : Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

14. TRANSPORT INFORMATION

This material is not subject to transport regulations.

Environmental Hazards: Not regulated.

Special Precautions for User: If this material is packaged in containers > 119 gallons, it will be regulated as NA1993, COMBUSTIBLE LIQUID, N.O.S., PGIII

15. REGULATORY INFORMATION

US Regulations

CERCLA Hazardous Substance List (40 CFR 302.4):

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3):

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

SARA Title III –

Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A):

None present or none present in regulated quantities.

• Section 311/312 (40 CFR 370):

____ Acute (Immediate) ____ Chronic (Delayed) x Fire ____ Reactive ____ Pressure Generating

Section 313 Toxic Release Inventory (40 CFR 372):

None present or none present in regulated quantities.

State Regulations

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

No ingredient regulated by CA Prop 65 present.

Massachusetts Right-To-Know List:

No ingredient regulated by MA Right-to-Know Law present.

New Jersey Right-To-Know List:

No ingredient regulated by NJ Right-to-Know Law present.

Pennsylvania Right-To-Know List:

No ingredient regulated by PA Right-to-Know Law present.

16. OTHER INFORMATION

HMIS Hazard ID

HEALTH	<input type="text"/>	1
FLAMMABILITY	<input type="text"/>	1
PHYSICAL HAZARDS	<input type="text"/>	0
PERSONAL PROTECTION	B	

B - Safety Glasses & Gloves

Hazard Rating: 0 • Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; chronic health effect

NFPA Hazard ID

1 – HEALTH

2 – FLAMMABILITY

0 – REACTIVITY

Hazard Rating: 0 – Minimal; 1 – Slight; 2- Moderate; 3-Serious; 4-Severe

The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment.

