

Safety Data Sheet

According to Federal Register / Vol. 77. No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 08/28/2014 Date of issue: 04/18/2013

Version: 2.0

# **SECTION 1: Identification**

#### 1.1. Product identifier

Product form

Substance

Substance name

MED-420 @ 350 cP

Synonyms

Silicone Fluid

CAS No

115361-68-7

# 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Cosmetics, personal care products

### 1.3. Details of the supplier of the safety data sheet

NuSil Technology LLC

1050 Cindy Lane

Carpinteria, California 93013

**USA** 

(805) 684-8780

ehs@nusil.com

www.nusil.com

## 1.4. Emergency telephone number

Emergency

: 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and

number

Maritime)

## **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

Classification (GHS-US)

Not classified

#### 2.2. Label elements

**GHS-US labeling** 

No labeling applicable

#### 2.3. Other hazards

Other hazards not contributing to

Exposure may aggravate those with pre-existing eye, skin, or

the classification

respiratory conditions.

#### 2.4. Unknown acute toxicity (GHS-US)

No data available

# **SECTION 3: Composition/information on ingredients**

### 3.1. Substance

Not Applicable

#### 3.2. Mixture

Name

MED-420 @ 350 cP

Name	Product identifier	%	Classification (GHS- US)
Dimethylmethyl 3,3,3-trifluoropropyl	(CAS No) 115361-68-7	>90	Not classified

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## **SECTION 4: First aid measures**

4.1. Description of first aid measures

Never give anything by mouth to an unconscious person. If you feel First-aid measures general

unwell, seek medical advice (show the label if possible).

Remove to fresh air and keep at rest in a position comfortable for First-aid measures after inhalation

breathing. Obtain medical attention if breathing difficulty persists. Rinse immediately with plenty of water. Obtain medical attention if

First-aid measures after skin irritation develops or persists. contact

Rinse cautiously with water for at least 15 minutes. Remove contact First-aid measures after eye

lenses, if present and easy to do. Continue rinsing. Obtain medical

attention.

Do NOT induce vomiting. Rinse mouth. Immediately call a POISON First-aid measures after ingestion

CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

Not expected to present a significant hazard under anticipated Symptoms/injuries

conditions of normal use. May cause respiratory irritation.

Symptoms/injuries after inhalation May cause skin irritation.

Symptoms/injuries after skin

contact

Symptoms/injuries after eye

contact

contact

Symptoms/injuries after ingestion

Chronic symptoms

May cause eye irritation.

Ingestion is likely to be harmful or have adverse effects.

None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible).

# SECTION 5: Fire-Fighting measures

5.1. Extinguishing media

Use extinguishing media appropriate for surrounding fire. Suitable extinguishing media

Do not use a heavy water stream. Use of heavy stream of water may Unsuitable extinguishing media spread fire. Application of water stream to hot product may cause

frothing and increase fire intensity.

5.2. Special hazards arising from the substance or mixture

Not considered flammable but may burn at high temperatures. Fire hazard

Product is not explosive. **Explosion hazard** 

Hazardous reactions will not occur under normal conditions. Reactivity

5.3. Advice for firefighters

Exercise caution when fighting any chemical fire. Precautionary measures fire Use water spray or fog for cooling exposed containers. Firefighting instructions

Do not enter fire area without proper protective equipment, including Protection during firefighting

respiratory protection.

Refer to Section 9 for flammability properties. Other information

# SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid breathing (vapor, mist, spray). General measures

6.1.1. For non-emergency personnel

Use appropriate personal protection equipment (PPE). Protective equipment Evacuate unnecessary personnel.

**Emergency procedures** 6.1.2. For emergency responders

Equip cleanup crew with proper protection. Protective equipment

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Emergency procedures

Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

## 6.3. Methods and material for containment and cleaning up

Contain any spills with dikes or absorbents to prevent migration and For containment

entry into sewers or streams.

Methods for cleaning up

Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a .llias

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

# SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Precautions for safe handling

Hygiene measures

Avoid all eye and skin contact and do not breathe vapor and mist. Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

# 7.2. Conditions for safe storage, including any incompatibilities

Technical measures

Comply with applicable regulations.

Storage conditions

Store in a dry, cool and well-ventilated place. Keep container closed

when not in use.

Incompatible products

Strong acids. Strong bases. Strong oxidizers.

#### 7.3. Specific end use(s)

Cosmetics, personal care products.

# SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

#### 8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Protective goggles. Gloves. Protective clothing.

Personal protective equipment







Materials for protective clothing

Hand protection Eye protection

Skin and body protection Respiratory protection

Chemically resistant materials and fabrics.

Wear chemically resistant protective gloves.

Chemical goggles or safety glasses. Wear suitable protective clothing.

Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established

Occupational Exposure Limits.

Environmental exposure controls Consumer exposure controls

Other information

Do not allow the product to be released into the environment.

Do not eat, drink or smoke during use. When using, do not eat, drink or smoke.

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# **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Translucent
Odor : Odorless

Odor threshold : No data available pH : No data available

Evaporation Rate : No data available
Melting point : No data available
Freezing point : No data available

Boiling point : No data available Flash point : > 153 °C (> 275 °F) Auto-ignition Temperature : No data available

Decomposition temperature : No data available Flammability (solid, gas) : No data available

Vapor pressure : No data available Relative vapor density at 20 °C : No data available Relative density : No data available

Specific Gravity : 1.07 (Water=1)
Solubility : No data available

Partition coefficient: n-octanol/water : No data available Viscosity : No data available

9.2. Other information

VOC content < 1 %

# **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

#### 10.2. Chemical stability

Stable at standard temperature and pressure.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

## 10.6. Hazardous decomposition products

Carbon oxides (CO, CO<sub>2</sub>). Silicon oxides.

# **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

Acute toxicity

Skin corrosion/irritation

Serious eye damage/irritation

Respiratory or skin sensitization

Germ cell mutagenicity

Carcinogenicity

Not classified

Not classified

Not classified

Not classified

Not classified

Reproductive toxicity : Not classified Specific target organ toxicity (single exposure) : Not classified

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Specific target organ toxicity (repeated

: Not classified

exposure)

Aspiration hazard

Not classified

Symptoms/injuries after inhalation

May cause respiratory irritation.

Symptoms/injuries after skin

May cause skin irritation.

contact

Symptoms/injuries after eye

May cause eye irritation.

contact

Symptoms/injuries after ingestion

Ingestion is likely to be harmful or have adverse effects.

Chronic symptoms

None expected under normal conditions of use.

# **SECTION 12: Ecological information**

#### 12.1. Toxicity

No additional information available

12.2. Persistence and degradability

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MED-420 @ 350 cP		
Persistence and degradability	Not established.	

12.3. Bioaccumulative potential

MED-420 @ 350 cP	
Bioaccumulative potential	Not established.

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Other information

Avoid release to the environment.

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Waste treatment methods

Dispose of waste material in accordance with all local, regional,

national, and international regulations.

Ecology - waste materials

Avoid release to the environment.

# **SECTION 14: Transport information**

In accordance with DOT / IMDG / IATA

#### 14.1. UN number

Not applicable

### 14.2. UN proper shipping name

Not applicable

#### 14.3. Additional information

Other information

No supplementary information available.

#### Transport by sea

No additional information available

#### Air transport

No additional information available

# **SECTION 15: Regulatory information**

#### 15.1. US Federal regulations

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### Dimethylmethyl 3,3,3-trifluoropropyl siloxane (115361-68-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 15.2. US State regulations

No additional information available

## 15.3. International regulations

#### Dimethylmethyl 3,3,3-trifluoropropyl Siloxane (115361-68-7)

#### Regional Legislation

Listed on the Canadian NDSL (Non-Domestic Substances List)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

# SECTION 16: Other information, including date of preparation or last revision

Revision date

08/28/2014

Other information

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR

1910.1200.

Full text of H-phrases:

NFPA health hazard

0 - Exposure under fire conditions would offer no hazard beyond that of ordinary

combustible materials.

NFPA fire hazard

1 - Must be preheated before ignition can

occur.

NFPA reactivity

0 - Normally stable, even under fire

exposure conditions, and are not reactive

with water.

We believe that the information contained herein is current as of the date of this Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of NuSil Technology, it is the user's obligation to determine the conditions of safe use of the product.

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