

<b>CALDIC NORTH AMERICA</b>		Date:	1/24/2023
		Revision:	10
Document Number: SDS-1111111		Supersedes:	09
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Title:	<b>Safety Data Sheet – Citation™ White Mineral Oils, NF</b>		
Document Owner:	Tonya Black, PCQI	Approved by:	Michael Duffy

This document is prepared pursuant to 2015 Global Harmonization System (GHS) and OSHA Hazard Communication (29 CFR 1910.1200) standards. Where proprietary ingredient is shown, the identity may be made available as provided in this standard.

## 1. PRODUCT AND COMPANY IDENTIFICATION

### 1.1. Product Identifier

*Tradename:* **GHS A87 – FAST FRET - Citation White Mineral Oils, NF**  
*Code:* 1111111  
*REACH Registration No.:* 01-2119487078-27-0093

### 1.2. Identified uses / uses advised against

*Identified uses:* Excipient grade mineral oil, Lubricant, release agent for food, personal care and industrial applications

### 1.3. Supplier details:

*Company/Address:* Caldic North America, 500 Central Avenue, University Park, IL 60484 USA  
*Website:* [www.caldic.com](http://www.caldic.com)  
*Email:* [t.black@caldic.com](mailto:t.black@caldic.com)  
*Telephone/Fax:* 708.534.5511 / 708.534.0123  
*Responsible Dept:* Regulatory

1.4 Transportation emergency contact: Chem Tel 800.255.3924

## 2. HAZARDS IDENTIFICATION:

### 2.1. Classification of substance or mixture

*Classification according to Regulation (EC) No. 1272/2008 [CLP]:* Category 1: Aspiration hazard, label: GHS 08, Signal word: Danger

*Classification according to Directive 67/548/EEC or 1999/45/EC:* H304 May be fatal if swallowed and enters airways.

*Classification according to OSHA Hazard Communication (29 CFR 1910.1200):* May be fatal if swallowed and enters airways.

*Adverse effects:* At high temperatures, vapors may be generated which may be considered hazardous at concentrations exceeding 2 mg/m<sup>3</sup>.

### 2.2. Label elements: GHS 08, Signal word: Danger

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician; P331 - Do NOT induce vomiting; P405 - Store locked up; P501 - Dispose of contents/ container to an approved waste disposal plant



**DANGER**

May be fatal if swallowed and enters airways.

**2.3. Other hazards:** These substances/mixtures do not meet the PBT/vPvB criteria of REACH, annex XIII. Prolonged/repetitive skin contact may cause skin defatting or dermatitis; ingestion may have laxative effect.

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1. Substance

<u>Component</u>	<u>CAS No.</u>	<u>EC No.</u>	<u>% by Wt.</u>	<u>HS Tariff Classification No.</u>
Mineral Oil	8042-47-5	232-455-8	100	2710.19.45
Tocopherol	59-02-9	200-412-2	≤ 0.001	2936.28.00

### 4. FIRST AID

#### MEASURES

#### 4.1. General information:

*Eye:* Flush immediately with large amounts of water. If irritation occurs, call a physician. *Skin:* Wash exposed area of skin with water. If burned by contact with hot material, cool material as quickly as possible with water. See a physician for burn treatment, irritation, or allergic reaction. *Ingestion:* If uncomfortable or symptomatic, seek medical assistance promptly. *Inhalation:* If adverse effects occur, remove to uncontaminated area. Get medical attention if symptoms persist.

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

*Symptoms/injuries:* High vapor concentration may induce headache, nausea, dizziness and respiratory irritation. Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

#### 4.3. Indication of any immediate medical attention and special treatment needed: See 4.1 and 4.2.

### 5. FIRE FIGHTING MEASURES

#### 5.1. Extinguishing media:

Dry chemical, carbon dioxide, foam, steam or water fog

*Unsuitable extinguishing media:* Water streams will scatter liquid and spread fire, but may be used to keep fire-exposed containers and surroundings cool.

#### 5.2. Special hazards:

May create dense smoke during combustion.

##### *Fire hazard:*

Mild fire hazard when heated above its flash point; material must be preheated before ignition will occur (OSHA Class IIIB).

#### 5.3. Advise for firefighters:

##### *Firefighting instruction:*

Cool unaffected containers and remove to safety.

##### *Firefighting protection:*

Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment, and emergency procedures

*Personnel:* Wear appropriate breathing apparatus, protective clothing gloves and eye/face protection. No smoking. Refer to section 8.

*Emergency procedures:* Remove all sources of ignition. Keep away from heat/sparks/open flames/hot surfaces.

#### 6.2. Environmental precautions Prevent spills from entering sewers and public waters.

#### 6.3. Containment / Cleanup

##### *Containment:*

Dike around spill; have oil-absorbent materials readily available.

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*Cleanup:* Remove mechanically or contain on an absorbent material such as dry sand or earth and dispose of in accordance with current applicable regulations.

## 7. HANDLING AND STORAGE

7.1. Handling No specific requirements; observe good industrial hygiene practices.

7.2. Storage Do not store in open or unlabeled containers. Store away from strong oxidizing agents or combustible material.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters: **IF USED IN A WAY THAT GENERATES A MIST, OBSERVE LIMITS.**

*Limits:* OSHA PEL – 5 mg/m<sup>3</sup> (oil mist) (1989) (1971)

ACGIH TLV-TWA – 5 mg/m<sup>3</sup> (oil mist)

ACGIH TLV-STEL – 10 mg/m<sup>3</sup> (oil mist)

8.2. Exposure controls Control airborne concentrations below the exposure guidelines. Provide local exhaust or general room ventilation to minimize vapor concentrations. Provide emergency eye wash fountains and safety showers.

*Eye:* Wear protective goggles or face shield if splashing is possible. *Skin:*

Wear protective gloves/clothing

*Inhalation:* Avoid breathing mist. If ventilation is inadequate, use NIOSH/MSHA certified respirator to protect against mist.

*Environmental controls:* Avoid release to the environment. Notify authorities if product enters sewers or public waters.

## 9. CHEMICAL AND PHYSICAL PROPERTIES

9.1. Basic physical and chemical properties

Appearance / Odor: Oily liquid / Odorless Odor

Threshold Not applicable

pH: Not determined

Vapor Pressure : < 1.0 mmHg @ 20°C (68°F) Vapor

Density (Air=1): >1

Boiling Point: Not determined

Melting Point: Not applicable

Flash Point >93.4C (200F) Method: PMCC, ASTM D93

Evaporation Rate Not determined Flammability

Not determined

Upper Explosive Limits Not determined

Lower Explosive Limits Not determined

Solubility: Negligible in water (below 0.1%); soluble in hydrocarbons

Partition coefficient: n-octanol/water log POW: >6 This product is soluble in oil.

Auto-ignition temperature Not determined Decomposition

Temperature Not determined

Specific Gravity (Water=1): 0.818 - 0.880 @ 25°C/25°C (77°F)

Pour Point: Not determined Viscosity:

tbd

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Molecular weight:	No data
Particle Size:	No data Pour
point :	tbd
Percent volatile	Nil
Bulk density	tbd

## 10. STABILITY AND REACTIVITY

- |  |   |
|--|---|
| 10.1. Reactivity                       | Unknown   |
| 10.2. Chemical Stability               | Generally stable  |
| 10.3. Hazardous reactions              | Hazardous polymerization will not occur.  |
| 10.4. Conditions to avoid              | Extreme heat; contact with chlorine, fluorine, and other strong oxidizers and acids |
| 10.5. Incompatible materials           | Chlorine, fluorine, and other strong oxidizers and acids                            |
| 10.6. Hazardous decomposition products | Incomplete burning can produce carbon monoxide and/or carbon dioxide.               |

## 11. TOXICOLOGICAL INFORMATION

- |                                  |  |
|----------------------------------|--|
| 11.1. Toxicity                   | Data following is based on information from similar products, the ingredients, technical literature, and/or professional experience; Avatar Corporation does not do testing on animals.<br>No component of these products present at levels > 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC). |
| <i>Dermal (rabbits):</i>         | PDIS < 4.0/8.0; LD <sub>50</sub> > 2000 mg/kg  |
| <i>Oral (rats):</i>              | LD <sub>50</sub> > 5000 mg/kg  |
| <i>Eye Irritation (rabbits):</i> | PEIS < 10/110.0  |
| <i>Skin Irritation:</i>          | Not a skin sensitizer when tested  |
| <i>Carcinogenicity:</i>          | EC CLP Note N applies. Full refining history is known and demonstrates non-carcinogenicity.  |

## 12. ECOLOGICAL INFORMATION

- |                                   |   |
|-----------------------------------|---|
| 12.1. Toxicity                    | When used and handled according to specifications, these products have no harmful effects according to our experience and the information provided to us. |
| 12.2. Persistence / degradability | No data available   |
| 12.3. Bioaccumulation potential   | No data available   |
| 12.4. Mobility in soil            | No data available   |
| 12.5. PBT / vPvB assessment       | These substances/mixtures does not meet the PBT/vPvB criteria of REACH, annex XIII.   |
| 12.6. Other adverse effects       | No data available   |

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### 13. DISPOSAL INFORMATION

13.1. Waste treatment methods Disposal must be in accordance with applicable federal, state, or local regulations. "Empty" drums should not be given to individuals.

### 14. TRANSPORTATION INFORMATION

14.1. General Information Not regulated by U.S. DOT, Canadian TODG, IMO/IMDG, ICAO/IATA, ADR/RID

### 15. REGULATORY INFORMATION

15.1. Safety, health, and environmental regulations/legislation specific for the substance or mixture

<i>CERCLA Sections 102A/103 Hazardous Substances:</i>	Not reportable
<i>SARA Title III Section 302 Extremely Hazardous Substances:</i>	Not regulated
<i>SARA Title III Sections 311/312 Hazardous Categorization:</i>	None
<i>SARA Title III Section 313:</i>	Not regulated
<i>U.S. Inventory (TSCA):</i>	Listed on inventory; ACTIVE
<i>OSHA Hazard Communication Standard:</i>	Listed by ACGIH, OSHA.
<i>WHMIS Controlled Product Classification:</i>	Not listed
<i>Regulation (EC) 1907/2006 as amended:</i>	Compliant
<i>Regulation (EC) 1272/2008 as amended:</i>	Compliant
<i>Directive 1999/45/EC as amended:</i>	Compliant
<i>Directive 67/548/EEC as amended:</i>	Compliant

<i>Food Contact Status FDA 21 CFR 172.878, 178.3570, 178.3620(a), 573.680:</i>	Compliant
<i>Kosher Certification:</i>	Compliant

15.2. Chemical safety assessment Incomplete

### 16. OTHER INFORMATION

This material safety data sheet and the information it contains are offered in good faith as accurate. We have reviewed any information contained in this data sheet, which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use product(s) safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.

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#### Revision History

Date	Revision No.	Purpose	Authorized By
11/15/13	-01	Initial	J.P. Roush, M.S.
06/19/14	-02	Addition of tocopherol to ingredients	J.P. Roush, M.S.
03/19/15	-03	New format	J.P. Roush, M.S.
10/24/16	-04	GHS updates	J.P. Roush, M.S.

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07/11/17	-05	Aspiration Hazard icon added	J.P. Roush, M.S.
08/28/18	-06	Review and REACH Number added	J.P. Roush, M.S.
07/11/19	-07	Updated TSCA to ACTIVE	J.P. Roush, M.S.
07/14/21	-08	Review	J.P. Roush, M.S.
11/23/21	-09	Added 29 CFR 1910.1200 to section 2. Added additional physical characteristics to section 9/.	
01/24/23	-10	Rebranding Project/Review	T.Black, PCQI

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