

## Safety Data Sheet

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Information**

Product name: CHEM 8

Alternate names: none

Product Description: Synthetic Silicone-PTFE lubricant and pipe thread sealant.

**Recommended use**

Multi-functional silicone-ptfe thread sealant and lubricant, Vacuum O-rings, Vacuum Grease, survives Autoclave high pressure steam cleaning. High dielectric strength, safe for use with electrical.

**Company Identification**

Fluoramics, Inc.

520 E. Countryside Circle

Lewiston, MN 55952

Emergency Number: 507-205-9216

General Contact Number: 507-205-9216

### SECTION 2: HAZARDS IDENTIFICATION

**Classification of substance or Mixture**

This product is not considered to be a hazardous substance or mixture when classified in accordance with Regulation 29 CFR 1910.1200 (US GHS)

**Label Elements**

GHS Pictogram: none

Remarks: ---

**Other Hazards**

None known.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Mixtures**

Component	CAS No	Content %	Statement
Silicone PTFE Mixture	none	100	Contains no hazardous ingredients according to GHS

### SECTION 4: FIRST AID MEASURES

**Description of first aid measures****General advice****INHALATION:** No first aid should be required. No harmful effects are not expected under normal use.**SKIN CONTACT:** No first aid should be required. Wash contact areas with soap and water. If skin irritation or rash occurs seek medical advice/attention.

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**EYE CONTACT:** If in eyes, Rinse with water for several minutes. If irritation occurs, get medical advice/ attention.

**INGESTION:** No first aid should be required.

**Most important symptoms and effects, both acute and delayed:** None expected, when used as intended.

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

### SECTION 5: FIRE FIGHTING MEASURES

#### Extinguishing media

**Suitable extinguishing media:** Water spray. Alcohol-resistant foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical.

**Unsuitable extinguishing media:** None known.

#### Special hazards arising from the substance or mixture

**Hazardous combustion products:** Carbon oxides. Silicon oxides. Formaldehyde.

**Unusual Fire and Explosion Hazards:** Exposure to combustion products may be a hazard to health.

#### Advice for firefighters

**Fire Fighting Procedures:** Use water spray to cool unopened containers.. Evacuate area.. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations..

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Remove undamaged containers from fire area if it is safe to do so.

**Special protective equipment for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

No health affects expect from the cleanup of this material. Follow safe handling advice and personal protective equipment recommendations.

#### Environmental precautions

Obey relevant local, state, provincial and federal laws and regulations.

#### Methods and materials for containment and cleaning up

Floor may be slippery, use care to avoid falling. Contain spillage and then collect with non-combustible absorbent material (sand, vermiculite) and place in container for disposal according to local/national regulations.

### SECTION 7: HANDLING AND STORAGE

#### Precautions for safe handling

Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, keep lid tightly closed when not in use. Empty containers retain product residue. Do not reuse container.

#### Conditions for safe storage, including any incompatibilities

Keep container tightly closed and in a well-ventilated place. Do not store with strong oxidizing agents.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Appropriate Engineering Controls

No special requirements under ordinary conditions of use and with adequate ventilations. Use material in well ventilated area only.

#### Individual protection measures.

#### General information

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Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants.

**Eyes/Face** Safety glasses with shields recommended

**Skin/Hand** Use nitrile or neoprene gloves. Use good industrial hygiene practices. In case of skin contact, wash hands and arms with soap and water.

**Respiratory** No personal respiratory protective equipment normally required.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

#### Information on basic physical and chemical properties

<b>Physical State</b>	Paste
<b>Color</b>	White
<b>Odor</b>	None
<b>Relative Density (at 15.6°C)</b>	No data
<b>Flash Point [COC]</b>	Closed cup >120c (248f)
<b>Vapor Pressure</b>	No data
<b>Vapor Density (air=1)</b>	No data
<b>Relative Density</b>	No data
<b>Solubility in Water</b>	Insoluble
<b>Viscosity</b>	No data
<b>VOC</b>	0 g/l

### SECTION 10: STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal circumstances

**Reactivity:** Not classified as a reactivity hazard.

**Conditions to avoid:** None know

**Incompatible Materials:** Oxidizing agents.

**Hazardous decomposition products:** Formaldehyde

**Hazardous polymerization:** Under normal conditions of storage and use, hazardous polymerization will not occur

### SECTION 11: TOXICOLOGICAL INFORMATION

**General Information:** No toxicology test have been conducted on this mixture itself.

#### ACUTE TOXICITY

<b>INHALATION</b>	No known effects
<b>EYES</b>	No known effects
<b>INGESTION</b>	No known effects
<b>SKIN</b>	No known effects

#### INHALATION TOXICITY DATA

Based on available data, no evidence of aspiration toxicity

#### CHRONIC/OTHER EFFECTS

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<b>SENSITIZER</b>	No data available
<b>CARCINOGENICITY</b>	No data available
<b>MUTAGENICITY</b>	No data available
<b>REPRODUCTIVE TOXICITY</b>	No data available

### SECTION 12: ECOLOGICAL INFORMATION

**General Information** No investigations were carried out with the mixture itself. No evidence for hazardous properties. (analogy of components)

#### AQUATIC TOXICITY

**Acute Aquatic Eco toxicity:** No test results available for this mixture.

**Chronic Aquatic Eco toxicity:** No test results available for this mixture.

**Persistence and degradability:** No test results available for this mixture.

**Bio accumulative potential:** No test results available for this mixture.

**Mobility in soil:** No test results available for this mixture.

**Results of PBT and vPvB assessment:** No test results available for this mixture.

**Other adverse effects:** No test results available for this mixture.

### SECTION 13: DISPOSAL CONSIDERATION

#### WASTE DISPOSAL

**Waste treatment methods:** Dispose of according to Federal, State, Local, or Provincial regulations.

**Disposal Methods:** Recycle with used oil.

**Waste Disposal:** Use material is non-hazardous according to environmental regulations.

**Contaminated packaging:** Recycle containers whenever possible.

#### EMPTY CONTAINER WARNING (where applicable)

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### SECTION 14: TRANSPORT INFORMATION

#### US DOT Hazard Classification

Not subject to the regulations of dangerous goods.

#### Sea IMDG

Not subject to the regulations of dangerous goods

#### AIR (IATA)

Not dangerous according to transportation regulations

### SECTION 15: REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for this mixture**

#### OSHA HAZARD COMMUNICATION STANDARD

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### Inventory Information

REACH (eu)	preregistered, registered or exempted
TSCA (usa)	listed or exempted
DSL (cdn)	listed or exempted
AICA (aus)	listed or exempted
METI (J)	listed or exempted
ECL (kor)	listed or exempted
PICCS (rp)	listed or exempted
IECSC (cn)	listed or exempted
HSMO (nz)	listed or exempted
ECS (Taiwan)	listed or exempted

hsr002605, lubricants (low hazard) group standard 2006

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**CERCLA SECTIONS 302, 313, 311, 312:** This material does not contain reportable chemicals.

### STATE REGULATIONS

**Massachusetts RTK Substances:** This material does not contain reportable chemicals

**New Jersey RTK Hazardous Substances:** This material does not contain reportable chemicals

**Pennsylvania RTK Hazardous Substances:** dimethyl siloxane 63148-62-9

**Rhode Island Right To Know (RTK):** This material does not contain reportable chemicals

**Canada CPR:** This product has been classified in accordance with the hazard criteria Controlled Products Regulations (CPR) and the SDS contains all the information required by the Regulations.

**California Prop 65:** This mixture: ingredients not regulated.

### SECTION 16: OTHER INFORMATION

<b>National Fire Protection Association (USA)</b> <b>NFPA</b>	<b>Health</b>	0	<b>Flammability</b>	1	<b>Reactivity</b>	0		
<b>Hazardous Material Identification System (USA)</b> <b>HMIS</b>	<b>Health</b>	0	<b>Flammability</b>	1	<b>Reactivity</b>	0	<b>Special Hazard</b>	0

### DISCLAIMER:

The information and recommendations contained within this document are believed by Fluoramics to be accurate and reliable as of the date prepared. The information and recommendations are offered for the user's consideration and analysis and in no way guarantee the chemical specifications for the specified product. It is solely the responsibility of the user to determine safe conditions for use of this product and to assume liability for any loss, damage or expense arising out of the product's improper use. The user should consider the information in this document in the context of how the selected product will be handled and used in conjunction with other products. It is the user's responsibility to determine that the product is suitable for the intended use.

Appropriate warnings and safe-handling procedures should be provided to all handlers and users. Fluoramics assumes no responsibility for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices within this document.

**End of document**