



**VAPCO PRODUCTS, INC.**

**Safety Data Sheet  
Silicone Spray Food Grade**

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**SECTION 1: Identification**

**GHS Product identifier**

|                |                           |
|----------------|---------------------------|
| Product name   | Silicone Spray Food Grade |
| Product number | SSF-1                     |
| Brand          | Vapco                     |

**Recommended use of the chemical and restrictions on use**

Non-staining silicone spray

**Supplier's details**

|           |   |
|-----------|---|
| Name      | Vapco Products, Inc.  |
| Address   | 401 Marshall Road<br>Valley Park, Missouri 63088<br>United States |
| Telephone | (636) 923-2121  |
| Fax       | (636) 923-3002  |
| email     | info@VapcoProducts.com  |

**Emergency phone number**

(800) 255-3924

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**SECTION 2: Hazard identification**

**Classification of the substance or mixture**

**GHS classification in accordance with: OSHA (29 CFR 1910.1200)**

- Carcinogenicity, Cat. 1A
- Flammable aerosols, Cat. 2
- Skin corrosion/irritation, Cat. 2
- Specific target organ toxicity (repeated exposure), Cat. 2
- Specific target organ toxicity (single exposure), Cat. 3

**GHS label elements, including precautionary statements**

# Safety Data Sheet

## Pictogram



## Signal word

**Danger**

## Hazard statement(s)

|      |  |
|------|--|
| H223 | Flammable aerosol  |
| H229 | Pressurized container: may burst if heated                       |
| H335 | May cause respiratory irritation                                 |
| H336 | May cause drowsiness or dizziness                                |
| H350 | May cause cancer   |
| H373 | May cause damage to organ through prolonged or repeated exposure |

## Precautionary statement(s)

|           |  |
|-----------|--|
| P201      | Obtain special instructions before use.  |
| P202      | Do not handle until all safety precautions have been read and understood.  |
| P210      | Keep away from heat/sparks/open flames/hot surfaces. No smoking.   |
| P211      | Do not spray on an open flame or other ignition source.  |
| P251      | Pressurized container: do not pierce or burn, even after use.  |
| P260      | Do not breathe dust/fume/gas/mist/vapors/spray.  |
| P264      | Wash hands and other exposed areas thoroughly after handling.  |
| P271      | Use only outdoors or in a well-ventilated area.  |
| P280      | Wear protective gloves/protective clothing/eye protection/face protection.                                       |
| P302+P352 | IF ON SKIN: Wash with plenty of water and mild soap.   |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                                       |
| P308+P313 | IF exposed or concerned: Get medical advice/attention.   |
| P312      | Call a POISON CENTER/doctor if you feel unwell.  |
| P314      | Get medical advice/attention if you feel unwell.   |
| P321      | Specific treatment (see First Aid on this label).  |
| P332+P313 | If skin irritation occurs: Get medical advice/attention.   |
| P362+P364 | Take off contaminated clothing and wash it before reuse.   |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed.   |
| P405      | Store locked up.   |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.                                     |
| P501      | Dispose of contents/container to the specifications of local, regional, national, and international regulations. |

## SECTION 3: Composition/information on ingredients

### Mixtures

### Hazardous components

#### 1. Dichloromethane

|               |                    |
|---------------|--------------------|
| Concentration | 60 - 80 % (weight) |
| EC no.        | 200-838-9          |
| CAS no.       | 75-09-2            |
| Index no.     | 602-004-00-3       |

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### 2. Petroleum gases, liquefied, sweetened, if they contain > 0.1% w/w Butadiene

|               |                    |
|---------------|--------------------|
| Concentration | 15 - 40 % (weight) |
| EC no.        | 270-705-8          |
| CAS no.       | 68476-86-8         |
| Index no.     | 649-203-00-1       |

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## SECTION 4: First-aid measures

### Description of necessary first-aid measures

|                         |  |
|-------------------------|--|
| General advice          | Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  |
| If inhaled              | First, take proper precautions to ensure your own safety before attempting rescue (e.g. wear appropriate respiratory protective equipment, use the buddy system), then remove the exposed person to fresh air. Keep at rest in a position comfortable for breathing. Get medical advice/attention. |
| In case of skin contact | Immediately drench affected area with water for at least 15 minutes. Remove contaminated clothing immediately. Obtain medical attention if irritation develops or persists.  |
| In case of eye contact  | Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.   |
| If swallowed            | Rinse mouth. Do NOT induce vomiting. Obtain medical attention.   |

### Most important symptoms/effects, acute and delayed

#### Acute Health Hazards

**Symptoms/Injuries:** Harmful if inhaled. Causes serious eye irritation. May cause drowsiness and dizziness. Asphyxia by lack of oxygen: risk of death.

**Symptoms/Injuries After Inhalation:** High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms. Inhalation is likely to cause adverse health effects including, but not limited to: irritation, difficulty breathing, and unconsciousness. In elevated concentrations, may cause asphyxiation, central nervous system effects, and increased pulse, mood changes, tremors, cyanosis, muscular weakness, narcosis, numbness of the extremities, unconsciousness and death. This product contains chlorinated solvent material, which is associated with cardiac sensitization following very high exposures or with concurrent exposure to high stress levels or heart-stimulating substances like epinephrine and catecholamines. Careful consideration should be applied preceding administration of epinephrine or similar heart-stimulating substances.

**Symptoms/Injuries After Skin Contact:** Contact with gas/liquid escaping the container can cause dermatitis and defatting.

**Symptoms/Injuries After Eye Contact:** Contact causes mild irritation with redness, tearing, and blurred vision.

**Chronic Health Hazards:** Possible cancer causing agent and overexposure may also include damage to skin, kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, lungs, blood, or central nervous system.

### Indication of immediate medical attention and special treatment needed, if necessary

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand. Note to physician: Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning. This product contains ingredients that may be anticipated to be a carcinogen.

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## SECTION 5: Fire-fighting measures

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### Suitable extinguishing media

Dry chemical, foam, or carbon dioxide (CO<sub>2</sub>).

### Specific hazards arising from the chemical

**Explosion Hazard:** Container may explode in heat of fire. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors.

**Incompatibility:** Some plastics, rubber and coatings. Strong oxidizers and caustics. Chemically active metal (e.g. aluminum, magnesium powder, sodium, potassium, and lithium).

### Special protective actions for fire-fighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use dry chemical, foam, or carbon dioxide (CO<sub>2</sub>). Do not breathe fumes from fire or vapors from decomposition. Do NOT fight fire when fire reaches containers. Evacuate area. Fight fire remotely due to the risk of explosion. Shut off all sources of ignition. Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection. Wear NIOSH-approved Self-Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.

**Hazardous Combustion Products:** Oxides of carbon, hydrogen chloride, Phosgene.

### Further information

Do not allow run-off from fire fighting to enter drain or water courses.

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## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapors, spray, mist, gas. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel. Stop leak if safe to do so.

#### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedure:** Eliminate ignition source first, then ventilate the area. Evacuate unnecessary personnel, isolate, and ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### Methods and materials for containment and cleaning up

**For Containment:** Ventilate area. Contain any spills with dikes or absorbents to prevent further migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Eliminate all ignition sources. Ventilate area. Stop the ignition source of the release, if safe to do so. Consider the use of water spray to disperse vapors. Isolate the area until gas has dispersed. Ventilate and gas test area before entering. Take up liquid spill into absorbent material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

**Waste Disposal:** Dispose of in accordance with local, regional, national, and international regulations. Containers may be hazardous when empty. Do not flame cut, braze, or weld.

### Reference to other sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

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### SECTION 7: Handling and storage

#### Precautions for safe handling

**Additional Hazards When Processed:** Do not pressurize, cut, or weld containers. Ruptured cylinders may rocket. Pressurized container: May burst if heated. Do not pierce or burn, even after use.

**Precautions for Safe Handling:** Do not handle until all safety precautions have been read and understood. Avoid contact with skin, eyes and clothing. Do not breathe gas, mist, spray, vapors. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not spray on open flame or other ignition source.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

**Other Precautions:** Keep out of reach of children. Follow label instructions. Vapors may collect in low lying area.

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

**Technical Measures:** Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed.

**Storage Conditions:** Store in a dry, cool place. Keep only in the original container in a cool, well-ventilated place away from ignition sources. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area.

**Incompatible Materials:** Some plastics, rubber and coatings. Strong oxidizers and caustics. Chemically active metal (e.g. aluminum, magnesium powder, sodium, potassium, and lithium).

**Storage Temperature:** <50°C/122°F.

### SECTION 8: Exposure controls/personal protection

#### Control parameters

**CAS: 75-09-2 (EC: 200-838-9)**

Dichloromethane

ACGIH (USA): 50 ppm TWA inhalation; Cal/OSHA (USA): 125 ppm, 435 mg/m<sup>3</sup> STEL inhalation; OSHA (USA): 25 ppm PEL inhalation

#### Appropriate engineering controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Use explosion-proof equipment. Proper grounding procedures to avoid static electricity should be followed. Use only outdoors or in well-ventilated area. Ensure all local, regional, national, and international regulations are observed. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

#### Individual protection measures, such as personal protective equipment (PPE)

##### Pictograms



##### Eye/face protection

Chemical safety goggles. Insufficient ventilation: wear respiratory protection. Respiratory protection of the dependent type.

##### Skin protection

Wear protective gloves and clothing.

##### Body protection

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Wear suitable protective clothing. Wear protective gloves. Chemical resistant materials and fabrics. Wear fire/flammable resistant/retardant clothing.

### Respiratory protection

Use a NIOSH-approved Self-Containing Breathing Apparatus whenever exposure may exceed established Occupational Exposure Limits.

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## SECTION 9: Physical and chemical properties and safety characteristics

### Basic physical and chemical properties

|  |   |
|--|---|
| Physical state   | Liquid  |
| Appearance   | Clear liquid aerosol                                      |
| Color  | Colorless   |
| Odor   | Chlorinated solvent odor                                  |
| Odor threshold   | 21 mg/m <sup>3</sup> (methylene chloride)                 |
| Melting point/freezing point                             | N/D   |
| Boiling point or initial boiling point and boiling range | >140°F  |
| Flammability   | Considered a flammable aerosol by OSHA (29 CFR 1910.1200) |
| Lower and upper explosion limit/flammability limit       | N/D   |
| Flash point  | N/D   |
| Auto-ignition temperature                                | N/D   |
| Decomposition temperature                                | N/D   |
| pH   | N/A   |
| Kinematic viscosity                                      | N/D   |
| Solubility   | Insoluble in water  |
| Partition coefficient n-octanol/water (log value)        | N/D   |
| Vapor pressure   | >100  |
| Evaporation rate   | >2  |
| Density and/or relative density                          | 1.2 at 77°F (25°C)  |
| Relative vapor density                                   | >2  |

### Particle characteristics

N/D

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## SECTION 10: Stability and reactivity

### Reactivity

None known.

### Chemical stability

Stable under normal conditions of use.

### Possibility of hazardous reactions

None known.

### Conditions to avoid

Excessive heat, sources of ignition.

### Incompatible materials

Some plastics, rubber and coatings. Strong oxidizers and caustics. Chemically active metal (e.g. aluminum, magnesium powder, sodium, potassium, and lithium).

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### Hazardous decomposition products

Oxides of carbon, hydrogen chloride gas, and Phosgene.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Dichloromethane

LD50 Oral - Rat - > 2,000 mg/kg

LC50 Inhalation - Rat - 52,000 mg/m<sup>3</sup>

LD50 Skin - Rat - > 2,000 mg/kg

LC50 - Pimephales promelas (fathead minnow) - 193.00 mg/l - 96 h

EC50 - Daphnia magna (water flea) - 1,682.00 mg/l - 48 h

#### Skin corrosion/irritation

Causes mild irritation, dryness, localized defatting.

#### Serious eye damage/irritation

Causes irritation, redness, temporary eye damage.

#### Respiratory or skin sensitization

May cause irritation to the respiratory tract, headaches, nausea, vomiting, lungs, and may cause fatigue. Excessive prolonged exposure may cause dizziness and unconsciousness.

#### Germ cell mutagenicity

Not classified.

#### Carcinogenicity

Possible cancer causing agents and overexposure may also include damage to skin, kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, lungs, blood, or central nervous system.

#### Reproductive toxicity

Not classified.

#### STOT-single exposure

May cause drowsiness or dizziness.

#### STOT-repeated exposure

Repeated or prolonged exposure may be toxic to kidneys, liver, skin, central nervous system (CNS).

#### Aspiration hazard

Not classified.

### Additional information

#### Acute Health Hazards

**Symptoms/Injuries:** Harmful if inhaled. Causes serious eye irritation. May cause drowsiness and dizziness. Asphyxia by lack of oxygen: risk of death.

**Symptoms/Injuries After Inhalation:** High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms. Inhalation is likely to cause adverse health effects including, but not limited to: irritation, difficulty breathing, and unconsciousness. In elevated concentrations, may cause asphyxiation, central nervous system effects, and increased pulse, mood changes, tremors, cyanosis, muscular weakness, narcosis, numbness of the extremities, unconsciousness and death. This product contains chlorinated solvent material, which is associated with cardiac sensitization following very high exposures or

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with concurrent exposure to high stress levels or heart-stimulating substances like epinephrine and catecholamines. Careful consideration should be applied preceding administration of epinephrine or similar heart-stimulating substances.

**Symptoms/Injuries After Skin Contact:** Contact with gas/liquid escaping the container can cause dermatitis and defatting.

**Symptoms/Injuries After Eye Contact:** Contact causes mild irritation with redness, tearing, and blurred vision.

**Chronic Health Hazards:** Possible cancer causing agent and overexposure may also include damage to skin, kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, lungs, blood, or central nervous system.

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## SECTION 12: Ecological information

### Toxicity

Dichloromethane

LD50 Oral - Rat - > 2,000 mg/kg

LC50 Inhalation - Rat - 52,000 mg/m<sup>3</sup>

LD50 Skin - Rat - > 2,000 mg/kg

LC50 - Pimephales promelas (fathead minnow) - 193.00 mg/l - 96 h

EC50 - Daphnia magna (water flea) - 1,682.00 mg/l - 48 h

### Persistence and degradability

Component or components of this product are not biodegradable.

### Bioaccumulative potential

This product is not expected to bioaccumulate.

### Mobility in soil

This product is mobile in soil.

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## SECTION 13: Disposal considerations

### Disposal methods

#### Product disposal

Dispose of contents/container in accordance with local, regional, national, and international regulations. Do not pierce or burn, even after use.

#### Waste treatment

Waste solvent likely considered F001, hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

#### Other disposal recommendations

Container may remain hazardous when empty. Continue to observe all precautions. Do not puncture or incinerate container.

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## SECTION 14: Transport information

### DOT (US)

UN Number: UN1950

Class: 2.1

Packing Group: N/A

Proper Shipping Name: Aerosols, flammable, (each not exceeding 1 L capacity)

### IMDG

UN Number: UN1950

Class: 2.1



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EMS Number: N/A

Proper Shipping Name: Aerosols, flammable, (each not exceeding 1 L capacity)

### IATA

UN Number: UN1950

Class: 2.1

Packing Group: N/A

Proper Shipping Name: Aerosols, flammable, (each not exceeding 1 L capacity)

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## SECTION 15: Regulatory information

### Safety, health and environmental regulations specific for the product in question

#### California Prop. 65 Components

California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer.

Dichloromethane

CAS number: 75-09-2

#### Massachusetts Right To Know Components

Dichloromethane

CAS number: 75-09-2

#### New Jersey Right To Know Components

Dichloromethane

CAS number: 75-09-2

#### Pennsylvania Right To Know Components

Dichloromethane

CAS number: 75-09-2

#### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

#### SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

Dichloromethane

CAS number: 75-09-2

#### Toxic Substances Control Act (TSCA) Inventory

All chemicals are listed or exempt.

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## SECTION 16: Other information

N/A = Not applicable; N/D = Not determined

## Safety Data Sheet

### Further information/disclaimer

To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.

### Preparation information

Prepared by: Jessica Wilson

Date prepared: 10/6/2022