

**Silwet 719 SPREADER**

# **SAFETY DATA SHEET**

Classified in accordance with 29 CFR 1910.1200

## **1. Identification**

**Product identifier:** Silwet 719 SPREADER

**Other means of identification**

**Synonyms:** Agricultural Adjuvant

**Recommended use and restriction on use**

**Recommended use:** Agricultural material

**Restrictions on use:** Not for aerosol use

**Manufacturer/Importer/Distributor Information** : Momentive Performance Materials USA LLC  
2750 Balltown Road,  
Niskayuna, NY 12309

**Contact person** : commercial.services@momentive.com

**Telephone** : General information  
+1-800-295-2392

**Emergency telephone number**

**Supplier** : CHEMTREC  
1-800-424-9300

## **2. Hazard(s) identification**

**Hazard Classification**

**Health Hazards**

Acute toxicity (Inhalation - dust and mist) Category 4

**Label Elements**

**Hazard Symbol:**



**Signal Word:** Warning

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**Hazard Statement:** H332; Harmful if inhaled.

**Precautionary Statements**

**Prevention:** Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

**Response:** IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

**Hazard(s) not otherwise classified (HNOC):** None.

### 3. Composition/information on ingredients

**Mixtures**

| Chemical Identity                                 | CAS number  | Content in percent (%)* | Notes              |
|---------------------------------------------------|-------------|-------------------------|--------------------|
| Polyalkyleneoxide modified Heptamethyltrisiloxane | 134180-76-0 | 20 - <50%               | No data available. |

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

**General information:** No action shall be taken involving any personal risk or without suitable training. Do not give victim anything to drink if he is unconscious. Get medical attention if symptoms occur.

**Ingestion:** If swallowed, do NOT induce vomiting. Give a glass of water. Do not give victim anything to drink if he is unconscious. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if symptoms persist.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, trained personnel should give oxygen. Get medical attention immediately.

**Skin Contact:** Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if symptoms persist. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.

**Eye contact:** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention if symptoms persist.

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

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**Symptoms:** No data available.

**Hazards:** No data available.

### Indication of immediate medical attention and special treatment needed

**Treatment:** There is no specific antidote. Treatment is symptomatic and supportive.

## 5. Fire-fighting measures

**General Fire Hazards:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Use standard firefighting procedures and consider the hazards of other involved materials. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** All standard extinguishing agents are suitable.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:** In case of fire, carbon monoxide and carbon dioxide may be formed. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

### Special protective equipment and precautions for fire-fighters

**Special fire-fighting procedures:** Use water spray to keep fire-exposed containers cool.

**Special protective equipment for fire-fighters:** Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Caution: Contaminated surfaces may be slippery. Avoid contact with skin and eyes. See Section 8 of the SDS for Personal Protective Equipment. Keep out of reach of children.

**Methods and material for containment and cleaning up:** Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.

**Environmental Precautions:** Do not allow runoff to sewer, waterway or ground.

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### 7. Handling and storage

|                                                                      |                                                                                                                                                                                               |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautions for safe handling:</b>                                | Sensitivity to static discharge is not expected. Do not taste or swallow. Do not get in eyes, on skin, on clothing. Use personal protective equipment as required. Wash hands after handling. |
| <b>Conditions for safe storage, including any incompatibilities:</b> | Keep container closed. Keep away from sources of ignition - No smoking. Use original container or packaging of similar material of construction                                               |

### 8. Exposure controls/personal protection

#### Control Parameters

##### Occupational Exposure Limits

None of the components have assigned exposure limits.

##### Appropriate Engineering Controls

Provide eyewash station and safety shower. General (mechanical) room ventilation is expected to be satisfactory if handled at low temperatures or in covered equipment.

#### Individual protection measures, such as personal protective equipment

|                                |                                                                                                                                                                                                                                                                                    |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information:</b>    | General (mechanical) room ventilation is expected to be satisfactory if handled at low temperatures or in covered equipment.                                                                                                                                                       |
| <b>Eye/face protection:</b>    | Safety glasses with side shields                                                                                                                                                                                                                                                   |
| <b>Skin Protection</b>         |                                                                                                                                                                                                                                                                                    |
| <b>Hand Protection:</b>        | Use chemical-resistant, impervious gloves.                                                                                                                                                                                                                                         |
| <b>Other:</b>                  | Wear suitable protective clothing and eye/face protection.                                                                                                                                                                                                                         |
| <b>Respiratory Protection:</b> | If inhalation exposure is expected, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134). |
| <b>Hygiene measures:</b>       | Do not breathe vapour/aerosol. When using do not eat, drink or smoke. Use only with adequate ventilation. Wash thoroughly after handling.                                                                                                                                          |

### 9. Physical and chemical properties

#### Appearance

|                        |                    |
|------------------------|--------------------|
| <b>Physical state:</b> | liquid             |
| <b>Form:</b>           | liquid             |
| <b>Color:</b>          | Pale yellow        |
| <b>Odor:</b>           | Polyether          |
| <b>Odor threshold:</b> | No data available. |
| <b>pH:</b>             | No data available. |
| SDS_US                 |                    |

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|                                                              |                                  |
|--------------------------------------------------------------|----------------------------------|
| <b>Melting point/freezing point:</b>                         | < -65 °C                         |
| <b>Initial boiling point and boiling range:</b>              | > 150 °C (1,013 hPa) Copolymer   |
| <b>Flash Point:</b>                                          | 126.67 °C (ASTM D 93)            |
| <b>Evaporation rate:</b>                                     | < 1 (n-Butyl acetate=1)          |
| <b>Flammability (solid, gas):</b>                            | No data available.               |
| <b>Upper/lower limit on flammability or explosive limits</b> |                                  |
| <b>Flammability limit - upper (%):</b>                       | No data available.               |
| <b>Flammability limit - lower (%):</b>                       | No data available.               |
| <b>Explosive limit - upper:</b>                              | No data available.               |
| <b>Explosive limit - lower:</b>                              | No data available.               |
| <b>Heat of combustion:</b>                                   | No data available.               |
| <b>Vapor pressure:</b>                                       | < 1.33 hPa (20 °C)               |
| <b>Vapor density:</b>                                        | Heavier than air                 |
| <b>Density:</b>                                              | 1.0196 g/cm <sup>3</sup> (25 °C) |
| <b>Relative density:</b>                                     | No data available.               |
| <b>Solubility(ies)</b>                                       |                                  |
| <b>Solubility in water:</b>                                  | Dispersible                      |
| <b>Solubility (other):</b>                                   | No data available.               |
| <b>Partition coefficient (n-octanol/water) Log Pow:</b>      | No data available.               |
| <b>Auto-ignition temperature:</b>                            | No data available.               |
| <b>Decomposition temperature:</b>                            | No data available.               |
| <b>SADT:</b>                                                 | No data available.               |
| <b>Viscosity, dynamic:</b>                                   | No data available.               |
| <b>Viscosity, kinematic:</b>                                 | 177 mm <sup>2</sup> /s (25 °C)   |
| <b>VOC:</b>                                                  | 11.1 g/l ;                       |

## 10. Stability and reactivity

|                                            |                                               |
|--------------------------------------------|-----------------------------------------------|
| <b>Reactivity:</b>                         | No dangerous reaction if used as recommended. |
| <b>Chemical Stability:</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions:</b> | Hazardous polymerization does not occur.      |
| <b>Conditions to avoid:</b>                | None known.                                   |
| <b>Incompatible Materials:</b>             | None known.                                   |

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### Hazardous Decomposition Products:

In case of fire, gives off (emits): Carbon oxides Oxides of silicon. Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

## 11. Toxicological information

### General information:

This product is not tested. The information given is based on data available for the material, the components of the material, and similar materials. Aerosols of this product have a high inhalation toxicity potential. Therefore, when spraying this product and mixtures thereof with other components, exposure must be completely avoided. The use of respiratory equipment is mandatory for all spray applications.

### Information on likely routes of exposure

**Ingestion:** No data available.

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

### Symptoms related to the physical, chemical and toxicological characteristics

**Ingestion:** No data available.

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

### Information on toxicological effects

#### Acute toxicity (list all possible routes of exposure)

##### Oral

**Product:** LD 50 (Rat): > 2,000 mg/kg

##### Dermal

**Product:** LD 50 (Rat): > 2,000 mg/kg

##### Inhalation

**Product:** LC 50 (Rat): > 1.076 - 5 mg/l [Aerosols]

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**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** OECD-Guideline 404 (Acute Dermal Irritation/Corrosion) (Rabbit, 4 h): Non irritating Semi-occlusive Not Classified Analogous product

**Serious Eye Damage/Eye Irritation**

**Product:** OECD-Guideline 405 (Acute Eye Irritation/Corrosion) (Rabbit): Non irritating Not Classified Analogous product

**Respiratory or Skin Sensitization**

**Product:** , OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig)did not produce sensitization Not a skin sensitizer. Analogous product

**Carcinogenicity**

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:**

No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro**

**Product:** Ames-Test (OECD-Guideline 471 (Genetic Toxicology: Salmonella typhimurium, Reverse Mutation Assay)): negative (not mutagenic) Analogous product

**In vivo**

**Product:** Micronucleus test (mouse) (OECD-Guideline 474 (Genetic Toxicology: Micronucleus Test)) (Mouse): negative (not mutagenic) Analogous product

**Reproductive toxicity**

**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

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**Aspiration Hazard**

**Product:** No data available.

**Other effects:**

This product is not tested. No adverse effects anticipated from available information. No data available.

|                                   |
|-----------------------------------|
| <b>12. Ecological information</b> |
|-----------------------------------|

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

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**Mobility in soil:** No data available.

**Known or predicted distribution to environmental compartments**

Polyalkyleneoxide modified No data available.

Heptamethyltrisiloxane

**Other adverse effects:** No data available.

### 13. Disposal considerations

**General information:** See Section 8 for information on appropriate personal protective equipment. The generation of waste should be avoided or minimized wherever possible. Do not discharge into drains, water courses or onto the ground.

**Disposal instructions:** Disposal should be made in accordance with federal, state and local regulations.

**Contaminated Packaging:** Dispose of as unused product.

### 14. Transport information

**DOT**  
Not regulated.

**IMDG**  
Not regulated.

**IATA**  
Not regulated.

**Special precautions for user:** This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

### 15. Regulatory information

#### US Federal Regulations

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**  
None present or none present in regulated quantities.

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**US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)**

None present or none present in regulated quantities.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended**

| <u>Chemical Identity</u>                             | <u>OSHA hazard(s)</u>                       |
|------------------------------------------------------|---------------------------------------------|
| Polyalkylene Oxide                                   | No OSHA Hazards                             |
| Polyalkyleneoxide modified<br>Heptamethyltrisiloxane | Toxic by skin absorption; Corrosive to eyes |
| Polyalkylene Oxide                                   | No OSHA Hazards                             |

**CERCLA Hazardous Substance List (40 CFR 302.4):**

None present or none present in regulated quantities.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

Acute toxicity (any route of exposure)

**SARA 302 Extremely Hazardous Substance**

None present or none present in regulated quantities.

**SARA 304 Emergency Release Notification**

None present or none present in regulated quantities.

**SARA 311/312 Hazardous Chemical**

| <u>Chemical Identity</u> | <u>Threshold Planning Quantity</u> |
|--------------------------|------------------------------------|
|--------------------------|------------------------------------|

**US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting**

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.

**US State Regulations**

**US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.

**US. New Jersey Worker and Community Right-to-Know Act**

| <u>Chemical Identity</u>                          |
|---------------------------------------------------|
| Polyalkyleneoxide modified Heptamethyltrisiloxane |
| NJTS RTK 26175-27028A                             |
| NJTS RTK 26175-27028B                             |

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NJTS RTK 26175-27028C

**US. Massachusetts RTK - Substance List**

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

**US. Pennsylvania RTK - Hazardous Substances**

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

**US. Rhode Island RTK**

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

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**Inventory Status:**

|                                          |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                  |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Australia AICS:                          | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                                                                                   |
| Canada DSL Inventory List:               | Q (quantity restricted)                                                                                                                                                                                                                                                                                                                                          | Remarks: At least one component is not listed in DSL but all such components are listed in NDSL. |
| Japan (ENCS) List:                       | Not in compliance with the inventory.                                                                                                                                                                                                                                                                                                                            | Remarks: None.                                                                                   |
| China Inv. Existing Chemical Substances: | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                                                                                   |
| Korea Existing Chemicals Inv. (KECI):    | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                                                                                   |
| Canada NDSL Inventory:                   | Not in compliance with the inventory.                                                                                                                                                                                                                                                                                                                            | Remarks: None.                                                                                   |
| Philippines PICCS:                       | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                                                                                   |
| US TSCA Inventory:                       | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: Commercial Status: Active                                                               |
| New Zealand Inventory of Chemicals:      | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                                                                                   |
| Taiwan Chemical Substance Inventory:     | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                                                                                   |
| REACH:                                   | If purchased from Momentive Performance Materials GmbH in Leverkusen, Germany, all substances in this product have been registered by Momentive Performance Materials GmbH or upstream in our supply chain or are exempt from registration under Regulation (EC) No 1907/2006 (REACH). For polymers, this includes the constituent monomers and other reactants. | Remarks: None.                                                                                   |

**16. Other information, including date of preparation or last revision**

**HMIS Hazard ID**

|                            |                                |
|----------------------------|--------------------------------|
| <b>Health</b>              | <input type="text" value="1"/> |
| <b>Flammability</b>        | <input type="text" value="1"/> |
| <b>Physical Hazards</b>    | <input type="text" value="0"/> |
| <b>PERSONAL PROTECTION</b> | <input type="text"/>           |

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

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**Issue Date:** 03/20/2023

**Revision Date:** No data available.

**Version #:** 3.0

**Further Information:** No data available.

**Disclaimer:**

**Notice to reader**

Unless otherwise specified in section 1, Momentive products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives. Keep out of the reach of children.

**Further Information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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