### Section 1: PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th><strong>Product name</strong></th>
<th>Octadecafluoroctane</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product code</strong></td>
<td>358-20232,356-20233</td>
</tr>
<tr>
<td><strong>CAS No</strong></td>
<td>307-34-6</td>
</tr>
<tr>
<td><strong>Formula</strong></td>
<td>C8F18</td>
</tr>
<tr>
<td><strong>Manufacturer</strong></td>
<td>FUJIFILM Wako Pure Chemical Corporation</td>
</tr>
<tr>
<td></td>
<td>1-2 Doshomachi 3-Chome</td>
</tr>
<tr>
<td></td>
<td>Chuo-ku, Osaka 540-8605, Japan</td>
</tr>
<tr>
<td></td>
<td>Phone: +81-6-6203-3741</td>
</tr>
<tr>
<td></td>
<td>Fax: +81-6-6203-5964</td>
</tr>
<tr>
<td><strong>Supplier</strong></td>
<td>FUJIFILM Wako Pure Chemical Corporation</td>
</tr>
<tr>
<td></td>
<td>1-2 Doshomachi 3-Chome, Chuo-ku, Osaka 540-8605, Japan</td>
</tr>
<tr>
<td></td>
<td>Phone: +81-6-6203-3741</td>
</tr>
<tr>
<td></td>
<td>Fax: +81-6-6203-2029</td>
</tr>
<tr>
<td><strong>Emergency telephone number</strong></td>
<td>+81-6-6203-3741 / +81-3-3270-8571</td>
</tr>
<tr>
<td><strong>Recommended uses and restrictions on use</strong></td>
<td>For research purposes</td>
</tr>
<tr>
<td><strong>Announcement of company name change</strong></td>
<td>Company name has changed since April 1, 2018. Former name was &quot;Wako Pure Chemical Industries, Ltd.&quot;</td>
</tr>
</tbody>
</table>

### Section 2: HAZARDS IDENTIFICATION

**GHS classification**
- **Classification of the substance or mixture**
  - Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

**Pictograms**
- none

**Signal word**
- none

**Hazard statements**
- Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

**Precautionary statements**
- **(Prevention)**
  - Not applicable
- **(Response)**
  - Not applicable
- **(Storage)**
  - Not applicable
- **(Disposal)**
  - Not applicable

**Others**
- **Other hazards**
  - Not available

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Single Substance or Mixture**
- Substance
## Section 4: FIRST AID MEASURES

### Inhalation
Remove to fresh air. If symptoms persist, call a physician.

### Skin contact
Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.

### Eye contact
If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediate medical attention is required.

### Ingestion
Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. Do not induce vomiting without medical advice.

### Protection of first-aiders
Use personal protective equipment as required.

## Section 5: FIRE FIGHTING MEASURES

### Suitable extinguishing media
- Water spray (fog), Carbon dioxide (CO2), Foam, Extinguishing powder, Sand

### Unsuitable extinguishing media
No information available

### Special extinguishing method
No information available

### Specific hazards arising from the chemical product
Thermal decomposition can lead to release of irritating and toxic gases and vapors.

### Protection of fire-fighters
Use personal protective equipment as required. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

## Section 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures
For indoor, provide adequate ventilation process until the end of working. Deny unnecessary entry other than the people involved by, for example, using a rope. While working, wear appropriate protective equipments to avoid adhering it on skin, or inhaling the gas. Work from windward, and retract the people downwind.

### Environmental precautions
To be careful not discharged to the environment without being properly handled waste water contaminated.

### Methods and materials for contaminent and methods and materials for cleaning up
Absorb dry sand, earth, sawdust and the waste. Collect empty container that can be sealed.

### Recovery, neutralization
No information available

### Secondary disaster prevention measures
Clean contaminated objects and areas thoroughly observing environmental regulations.
Section 7: HANDLING AND STORAGE

Handling
Technical measures
Avoid contact with strong oxidizing agents. Use with local exhaust ventilation.

Precautions
Do not rough handling containers, such as upsetting, falling, giving a shock, and dragging. Prevent leakage, overflow, and scattering. Not to generate steam and dust in vain. Seal the container after use. After handling, wash hands and face, and then gargle. In places other than those specified, should not be smoking or eating and drinking. Should not be brought contaminated protective equipment and gloves to rest stops. Deny unnecessary entry of non-emergency personnel to the handling area.

Safety handling precautions
Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

Storage
Safe storage conditions
Storage conditions
Keep container protect from light, store in well-ventilated place at room temperature (preferably cool). Keep container tightly closed.

Safe packaging material
Glass

Incompatible substances
Strong oxidizing agents

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls
In case of indoor workplace, seal the source or use a local exhaust system. Provide the safety shower facility, and hand- and eye-wash facility. And display their position clearly.

Exposure limits
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Personal protective equipment
Respiratory protection
Protective mask

Hand protection
Protection gloves

Eye protection
protective eyeglasses or chemical safety goggles

Skin and body protection
Long-sleeved work clothes

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form
Color
Colorless - slightly yellow

Appearance
Liquid

Odor
No data available

pH
No data available

Melting point/freezing point
-25 °C

Boiling point, initial boiling point and boiling range
103 - 104 °C

Flash point
No data available

Evaporation rate:
No data available

Flammability (solid, gas):
No data available

Upper/lower flammability or explosive limits
Upper: No data available

Lower: No data available

Vapour pressure
No data available

Vapour density
No data available

Specific Gravity / Relative density
1.766 g/cm3 ( 25°C )

Solubilities
No data available
n-Octanol/water partition coefficient: (log Pow) No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity (coefficient of viscosity) No data available
Dynamic viscosity No data available

Section 10: STABILITY AND REACTIVITY

Stability

May be altered by light.

Reactivity No data available

Hazardous reactions
None under normal processing

Conditions to avoid
Extremes of temperature and direct sunlight

Incompatible materials
Strong oxidizing agents

Hazardous decomposition products
Carbon monoxide (CO), Carbon dioxide (CO2), Halides

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Acute toxicity -oral- source information</th>
<th>Acute toxicity -dermal- source information</th>
<th>Acute toxicity -inhalation gas-source information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octadecafluoroocytane</td>
<td>Based on the NITE GHS classification results.</td>
<td>Based on the NITE GHS classification results.</td>
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<tr>
<th>Chemical Name</th>
<th>Acute toxicity -inhalation vapor-source information</th>
<th>Acute toxicity -inhalation dust-source information</th>
<th>Acute toxicity -inhalation mist-source information</th>
</tr>
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</table>

Skin irritation/corrosion

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<thead>
<tr>
<th>Chemical Name</th>
<th>Skin corrosion irritation source information</th>
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<tr>
<td>Octadecafluoroocytane</td>
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</table>

Serious eye damage/ irritation

<table>
<thead>
<tr>
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<th>Serious eye damage source information</th>
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</thead>
<tbody>
<tr>
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</table>

Respiratory or skin sensitization

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<thead>
<tr>
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<th>Respiratory, Skin sensitization source information</th>
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<tbody>
<tr>
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Reproductive cell mutagenicity

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Mutagenic source information</th>
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<tbody>
<tr>
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Carcinogenicity

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Reproductive toxicity

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<tr>
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</table>

STOT-single exposure

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>STOT -single exposure- source information</th>
</tr>
</thead>
</table>
Octadecafluorooctane  

**STOT-repeated exposure**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>STOT-repeated exposure source information</th>
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</thead>
<tbody>
<tr>
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</table>

**Aspiration hazard**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Aspiration Hazard source information</th>
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<tbody>
<tr>
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</tbody>
</table>

### Section 12: ECOLOGICAL INFORMATION

**Ecotoxicity**

No information available

**Other data**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Aquatic toxicity -Acute- source information</th>
<th>Aquatic toxicity -Chronic- source information</th>
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<tbody>
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</tr>
</tbody>
</table>

**Persistence and degradability**

No information available

**Bioaccumulative potential**

No information available

**Mobility in soil**

No information available

**Hazard to the ozone layer**

No information available

### Section 13: DISPOSAL CONSIDERATIONS

**Waste from residues**

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

**Contaminated container and contaminated packaging**

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

### Section 14: TRANSPORT INFORMATION

**ADR/RID**

Not regulated

- UN number
- Proper shipping name:
- UN classification
- Subsidiary hazard class
- Packing group
- Marine pollutant: Not applicable

**IMDG**

Not regulated

- UN number
- Proper shipping name:
- UN classification
- Subsidiary hazard class
- Packing group
- Marine pollutant (Sea): Not applicable
- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: No information available

**IATA**

Not regulated

- UN number
- Proper shipping name:
- UN classification
- Subsidiary hazard class
Section 15: REGULATORY INFORMATION

International Inventories

- EINECS/ELINCS: Listed
- TSCA: Listed

Japanese regulations

- Fire Service Act: Not applicable
- Poisonous and Deleterious Substances Control Law: Not applicable
- Industrial Safety and Health Act: Not applicable
- Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.: Not applicable
- Regulations for the carriage and storage of dangerous goods in ship: Not applicable
- Civil Aeronautics Law: Not applicable
- Pollutant Release and Transfer Register Law: Not applicable

Section 16: OTHER INFORMATION

Key literature references and sources for data etc.

- NITE: National Institute of Technology and Evaluation (JAPAN)
- IATA dangerous Goods Regulations
- RTECS: Registry of Toxic Effects of Chemical Substances
- Japan Industrial Safety and Health Association GHS Model SDS
- Chemical Dictionary, Kyoritsu Publishing Co., Ltd.
- etc

Disclaimer

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, 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.

GHS Classification is according to JIS Z7252(2014). *JIS: Japanese Industrial Standards

Product information

You might get a product which indicates a former company name, during the period of transition.

End of Safety Data Sheet