



## Retardan<sup>®</sup>-200 L

Revision Date 10/11/2024

Print Date 10/12/2024

### SECTION 1. IDENTIFICATION

Product name : Retardan<sup>®</sup>-200 L

Other means of identification : No data available

Company name : www.sika.ca  
Canada  
Pointe-Claire, QC H9R 4A9  
601, avenue Delmar  
Sika Canada Inc.

Telephone : (514) 697-2610 / 1 (800) 933-7452

Telefax : (514) 694-2792

E-mail address : ehs@ca.sika.com

Emergency telephone : CANUTEC (collect) (613) 996-6666 (24 hours)

Recommended use of the chemical and restrictions on use : For further information, refer to product data sheet.

---

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the Hazardous Products Regulations

Not a hazardous substance or mixture.

#### GHS label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

#### Additional Labeling

There are no ingredients with unknown acute toxicity used in a mixture at a concentration  $\geq 1\%$ .

#### Other hazards

None known.

---

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Components

No hazardous ingredients

---

### SECTION 4. FIRST AID MEASURES



## Retardan®-200 L

Revision Date 10/11/2024

Print Date 10/12/2024

---

|                                                             |   |                                                                                                                                                                                                                      |
|-------------------------------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice                                              | : | No hazards which require special first aid measures.                                                                                                                                                                 |
| If inhaled                                                  | : | Move to fresh air.                                                                                                                                                                                                   |
| In case of skin contact                                     | : | Take off contaminated clothing and shoes immediately.<br>Wash off with soap and plenty of water.                                                                                                                     |
| In case of eye contact                                      | : | Flush eyes with water as a precaution.<br>Remove contact lenses.<br>Keep eye wide open while rinsing.                                                                                                                |
| If swallowed                                                | : | Clean mouth with water and drink afterwards plenty of water.<br>Do not induce vomiting without medical advice.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person. |
| Most important symptoms and effects, both acute and delayed | : | No known significant effects or hazards.<br>No information available.                                                                                                                                                |
| Notes to physician                                          | : | Treat symptomatically.                                                                                                                                                                                               |

---

### SECTION 5. FIRE-FIGHTING MEASURES

|                                                |   |                                                                                                                                                                                                                         |
|------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media                   | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                                                                                                                 |
| Further information                            | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Special protective equipment for fire-fighters | : | In the event of fire, wear self-contained breathing apparatus.                                                                                                                                                          |

---

### SECTION 6. ACCIDENTAL RELEASE MEASURES

|                                                       |   |                                                                                                            |
|-------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------|
| Environmental precautions                             | : | Local authorities should be advised if significant spillages cannot be contained.                          |
| Methods and materials for containment and cleaning up | : | Wipe up with absorbent material (e.g. cloth, fleece).<br>Keep in suitable, closed containers for disposal. |

---

### SECTION 7. HANDLING AND STORAGE

|                                                 |   |                                                 |
|-------------------------------------------------|---|-------------------------------------------------|
| Advice on protection against fire and explosion | : | Normal measures for preventive fire protection. |
|-------------------------------------------------|---|-------------------------------------------------|



## Retardan®-200 L

Revision Date 10/11/2024

Print Date 10/12/2024

- Advice on safe handling : For personal protection see section 8.  
No special handling advice required.  
Follow standard hygiene measures when handling chemical products.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Store in accordance with local regulations.
- Materials to avoid : No special restrictions on storage with other products.

---

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

- Engineering measures** : Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

#### Personal protective equipment

- Respiratory protection : Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.
- The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.
- Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.
- Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.
- Hygiene measures : Wash hands before breaks and immediately after handling the product.  
Remove contaminated clothing and protective equipment before entering eating areas.



## Retardan®-200 L

Revision Date 10/11/2024

Print Date 10/12/2024

---

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                  |   |                                               |
|--------------------------------------------------|---|-----------------------------------------------|
| Appearance                                       | : | liquid                                        |
| Color                                            | : | brown                                         |
| Odor                                             | : | slight                                        |
| Odor Threshold                                   | : | No data available                             |
| pH                                               | : | ca. 8 (20 °C (68 °F))<br>Concentration: 100 % |
| Melting point/ range / Freezing point            | : | No data available                             |
| Boiling point/boiling range                      | : | No data available                             |
| Flash point                                      | : | >> 101 °C (> 214 °F)<br>(Method: closed cup)  |
| Evaporation rate                                 | : | No data available                             |
| Flammability (solid, gas)                        | : | No data available                             |
| Upper explosion limit / Upper flammability limit | : | No data available                             |
| Lower explosion limit / Lower flammability limit | : | No data available                             |
| Vapor pressure                                   | : | 23 hpa                                        |
| Relative vapor density                           | : | No data available                             |
| Density                                          | : | ca. 1.14 g/cm <sup>3</sup> (20 °C (68 °F))    |
| Solubility(ies)                                  |   |                                               |
| Water solubility                                 | : | soluble                                       |
| Solubility in other solvents                     | : | No data available                             |
| Partition coefficient: n-octanol/water           | : | No data available                             |
| Autoignition temperature                         | : | No data available                             |



## Retardan®-200 L

Revision Date 10/11/2024

Print Date 10/12/2024

|                           |   |                                            |
|---------------------------|---|--------------------------------------------|
| Decomposition temperature | : | No data available                          |
| Viscosity                 |   |                                            |
| Viscosity, dynamic        | : | ca. 5 - 50 mPa.s (20 °C (68 °F))           |
| Viscosity, kinematic      | : | > 20.5 m <sup>2</sup> /s ( 40 °C (104 °F)) |
| Explosive properties      | : | No data available                          |
| Oxidizing properties      | : | No data available                          |

---

### SECTION 10. STABILITY AND REACTIVITY

|                                    |   |                                                             |
|------------------------------------|---|-------------------------------------------------------------|
| Reactivity                         | : | No dangerous reaction known under conditions of normal use. |
| Chemical stability                 | : | The product is chemically stable.                           |
| Possibility of hazardous reactions | : | Stable under recommended storage conditions.                |
| Conditions to avoid                | : | No data available                                           |
| Incompatible materials             | : | No data available                                           |
| Hazardous decomposition products   | : | No decomposition if stored and applied as directed.         |

---

### SECTION 11. TOXICOLOGICAL INFORMATION

Not classified due to lack of data.

#### **Skin corrosion/irritation**

Not classified due to lack of data.

#### **Serious eye damage/eye irritation**

Not classified due to lack of data.

#### **Respiratory or skin sensitization**

##### **Skin sensitization**

Not classified due to lack of data.

##### **Respiratory sensitization**

Not classified due to lack of data.

##### **Germ cell mutagenicity**

Not classified due to lack of data.

##### **Carcinogenicity**

Not classified due to lack of data.

**IARC** Not applicable



## Retardan®-200 L

Revision Date 10/11/2024

Print Date 10/12/2024

**OSHA** Not applicable

**NTP** Not applicable

**Reproductive toxicity**

Not classified due to lack of data.

**STOT-single exposure**

Not classified due to lack of data.

**STOT-repeated exposure**

Not classified due to lack of data.

**Aspiration toxicity**

Not classified due to lack of data.

---

### SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

**Product:**

Additional ecological information : Do not empty into drains; dispose of this material and its container in a safe way.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

---

### SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

Waste from residues : Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.



## Retardan®-200 L

Revision Date 10/11/2024

Print Date 10/12/2024

---

### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### IATA-DGR

Not regulated as a dangerous good

##### IMDG-Code

Not regulated as a dangerous good

##### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### Domestic regulation

##### TDG

Not regulated as a dangerous good

---

### SECTION 15. REGULATORY INFORMATION

#### Canadian lists

No substances are subject to a Significant New Activity Notification.

---

### SECTION 16. OTHER INFORMATION

#### Full text of other abbreviations

|        |   |                                                                                                                                        |
|--------|---|----------------------------------------------------------------------------------------------------------------------------------------|
| ADR    | : | Accord européen relatif au transport international des marchandises Dangereuses par Route                                              |
| CAS    | : | Chemical Abstracts Service                                                                                                             |
| DNEL   | : | Derived no-effect level                                                                                                                |
| EC50   | : | Half maximal effective concentration                                                                                                   |
| GHS    | : | Globally Harmonized System                                                                                                             |
| IATA   | : | International Air Transport Association                                                                                                |
| IMDG   | : | International Maritime Code for Dangerous Goods                                                                                        |
| LD50   | : | Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals) |
| LC50   | : | Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)   |
| MARPOL | : | International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978                          |
| OEL    | : | Occupational Exposure Limit                                                                                                            |
| PBT    | : | Persistent, bioaccumulative and toxic                                                                                                  |
| PNEC   | : | Predicted no effect concentration                                                                                                      |
| REACH  | : | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Reg-                     |



## Retardan®-200 L

Revision Date 10/11/2024

Print Date 10/12/2024

SVHC : istration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency  
vPvB : Substances of Very High Concern  
: Very persistent and very bioaccumulative

### Notice to Reader:

The information contained in this Material Safety Data Sheet applies only to the actual Sika Canada product identified and described herein. This information is not intended to address, nor does it address the use or application of the identified Sika product in combination with any other material, product or process. All of the information set forth herein is based on technical data regarding the identified product that Sika believes to be reliable as of the date hereof. Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's current Product Data Sheet, product label and Material Safety Data Sheet for each Sika product, which are available at web site and/or telephone number listed.

SIKA MAKES NO WARRANTIES EXPRESS OR IMPLIED AND ASSUMES NO LIABILITY ARISING FROM THIS INFORMATION OR ITS USE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES AND SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.

All sales of Sika products are subject to its current terms and conditions of sale available at [www.sika.ca](http://www.sika.ca) or 514-697-2610.

Revision Date : 10/11/2024  
Date format : mm/dd/yyyy  
Prepared by : R & D of Sika Canada Inc.  
Material number : 754,094

CA / Z8