

# Safety Data Sheet

acc. to OSHA HCS

Printing date 11/13/2015

Reviewed on 01/19/2015

## 1 Identification

- **Product identifier**
- **Trade name:** SR-97
- **Article number:** SR-97
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Chemical Consultants Inc.  
1850 Wild Turkey Circle  
Corona, CA 92880  
USA  
+1 (951) 735-5511  
ncollins@ccidom.com
- **Information department:** Product safety department
- **Emergency telephone number:** INFOTRAC 1-800-535-5053

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.  
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.  
Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2A H319 Causes serious eye irritation.  
Skin Sens. 1 H317 May cause an allergic skin reaction.  
STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07 GHS08

- **Signal word** Warning
- **Hazard-determining components of labeling:**  
dichloromethane  
tetrachloroethylene
- **Hazard statements**  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.

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- H351 Suspected of causing cancer.  
 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.  
 H373 May cause damage to organs through prolonged or repeated exposure.
- **Precautionary statements**
- P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
 P280 Wear protective gloves.  
 P280 Wear eye protection / face protection.  
 P264 Wash thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P271 Use only outdoors or in a well-ventilated area.  
 P272 Contaminated work clothing must not be allowed out of the workplace.  
 P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P321 Specific treatment (see on this label).  
 P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P363 Wash contaminated clothing before reuse.  
 P308+P313 IF exposed or concerned: Get medical advice/attention.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P314 Get medical advice/attention if you feel unwell.  
 P330 Rinse mouth.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P405 Store locked up.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**· **NFPA ratings (scale 0 - 4)**· **HMIS-ratings (scale 0 - 4)**

|            |   |                |
|------------|---|----------------|
| HEALTH     | 2 | Health = 2     |
| FIRE       | 0 | Fire = 0       |
| REACTIVITY | 0 | Reactivity = 0 |

· **Other hazards**· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

## 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

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**· Dangerous components:**

|          |                     |         |
|----------|---------------------|---------|
| 75-09-2  | dichloromethane     | 90-100% |
| 127-18-4 | tetrachloroethylene | 0-10%   |

## 4 First-aid measures

**· Description of first aid measures**
**· General information:**

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**· After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

**· After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**· After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**· After swallowing:** Immediately call a doctor.

**· Information for doctor:**

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

## 5 Fire-fighting measures

**· Extinguishing media**
**· Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**· Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

**· Advice for firefighters**
**· Protective equipment:**

Wear self-contained respiratory protective device.

Mouth respiratory protective device.

## 6 Accidental release measures

**· Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Mount respiratory protective device.

**· Environmental precautions:**

Prevent from spreading (e.g. by damming-in or oil barriers).

For large spills: Do not allow to enter sewers/ surface or ground water.

**· Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

**· Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
 Store in cool, dry place in tightly closed receptacles.  
 Ensure good ventilation/exhaustion at the workplace.  
 Open and handle receptacle with care.  
 Prevent formation of aerosols.
- **Information about protection against explosions and fires:** Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

### · Components with limit values that require monitoring at the workplace:

#### 75-09-2 dichloromethane

|     |  |
|-----|--|
| PEL | Short-term value: 125 ppm<br>Long-term value: 25 ppm<br>see 29 CFR 1910.1052 |
| REL | See Pocket Guide App. A  |
| TLV | Long-term value: 174 mg/m <sup>3</sup> , 50 ppm<br>BEI                       |

#### 127-18-4 tetrachloroethylene

|     |   |
|-----|---|
| PEL | Long-term value: 100 ppm<br>Ceiling limit value: 200; 300* ppm<br>*5-min peak in any 3 hrs                  |
| REL | Minimize workplace exp. concs.; Pocket Guide App. A   |
| TLV | Short-term value: 685 mg/m <sup>3</sup> , 100 ppm<br>Long-term value: 170 mg/m <sup>3</sup> , 25 ppm<br>BEI |

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| Chemical identity   | Type              | Exposure Limit values  | Source   |
|---------------------|-------------------|--|--|
| Methylene Chloride  | TWA               | 50 ppm   | US. ACGIH Threshold Limit Values (03 2013)   |
|                     | STEL              | 125 ppm  | US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) (03 2012)               |
|                     | OSHA_A CT         | 12.5 ppm   | US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) (03 2012)               |
|                     | TWA               | 25 ppm   | US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) (03 2012)               |
|                     | ST ESL            | 3,600 µg/m3  | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)  |
|                     | AN ESL            | 350 µg/m3  | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)  |
|                     | ST ESL            | 1,100 ppb  | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)  |
|                     | AN ESL            | 100 ppb  | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)  |
|                     | TWA PEL           | 25 ppm 87 mg/m3  | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012) |
|                     | STEL              | 125 ppm 435 mg/m3  | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012) |
|                     | TWA A LV          | 12.5 ppm   | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012) |
| Tetrachloroethylene | TWA               | 25 ppm   | US. ACGIH Threshold Limit Values (03 2013)   |
|                     | STEL              | 100 ppm  | US. ACGIH Threshold Limit Values (03 2013)   |
|                     | TWA               | 25 ppm 170 mg/m3   | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)   |
|                     | TWA               | 100 ppm  | US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)  |
|                     | Ceiling           | 200 ppm  | US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)  |
|                     | MAX. CONC         | 300 ppm  | US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)  |
|                     | TWA               | 25 ppm 170 mg/m3   | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)                     |
|                     | AN ESL            | 26 µg/m3   | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)  |
|                     | ST ESL            | 2,000 µg/m3  | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)  |
|                     | ST ESL            | 300 ppb  | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)  |
|                     | AN ESL            | 3.8 ppb  | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)  |
|                     | Ceiling           | 300 ppm  | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012) |
|                     | TWA PEL           | 25 ppm 170 mg/m3   | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012) |
| STEL                | 100 ppm 685 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012) |  |

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· **Ingredients with biological limit values:**

**75-09-2 dichloromethane**

BEI 0.3 mg/L  
 Medium: urine  
 Time: end of shift  
 Parameter: Dichloromethane (semi-quantitative)

**127-18-4 tetrachloroethylene**

BEI 3 ppm  
 Medium: end-exhaled air  
 Time: prior to shift  
 Parameter: Tetrachloroethylene

0.5 mg/L  
 Medium: blood  
 Time: prior to shift  
 Parameter: Tetrachloroethylene

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing.  
 Wash hands before breaks and at the end of work.  
 Store protective clothing separately.  
 Avoid contact with the eyes and skin.

· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Safety glasses



Tightly sealed goggles

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## 9 Physical and chemical properties

|   |   |
|---|---|
| · <b>Information on basic physical and chemical properties</b>    |   |
| · <b>General Information</b>                                      |   |
| · <b>Appearance:</b>  |   |
| <b>Form:</b>  | Fluid   |
| <b>Color:</b>   | According to product specification            |
| · <b>Odor:</b>  | Characteristic                                |
| · <b>Odor threshold:</b>  | Not determined.                               |
| · <b>pH-value:</b>  | Not determined.                               |
| · <b>Change in condition</b>                                      |   |
| <b>Melting point/Melting range:</b>                               | Undetermined.                                 |
| <b>Boiling point/Boiling range:</b>                               | 40 °C (104 °F)                                |
| · <b>Flash point:</b>   | Not applicable.                               |
| · <b>Flammability (solid, gaseous):</b>                           | Not applicable.                               |
| · <b>Ignition temperature:</b>                                    | 605 °C (1121 °F)                              |
| · <b>Decomposition temperature:</b>                               | Not determined.                               |
| · <b>Auto igniting:</b>   | Product is not selfigniting.                  |
| · <b>Danger of explosion:</b>                                     | Product does not present an explosion hazard. |
| · <b>Explosion limits:</b>  |   |
| <b>Lower:</b>   | 13.0 Vol %                                    |
| <b>Upper:</b>   | 22.0 Vol %                                    |
| · <b>Vapor pressure at 20 °C (68 °F):</b>                         | 453 hPa (340 mm Hg)                           |
| · <b>Density at 20 °C (68 °F):</b>                                | 1.37144 g/cm <sup>3</sup> (11.445 lbs/gal)    |
| · <b>Relative density</b>   | Not determined.                               |
| · <b>Vapor density</b>  | Not determined.                               |
| · <b>Evaporation rate</b>   | Not determined.                               |
| · <b>Solubility in / Miscibility with</b>                         |   |
| <b>Water:</b>   | Not miscible or difficult to mix.             |
| · <b>Partition coefficient (n-octanol/water):</b> Not determined. |   |
| · <b>Viscosity:</b>   |   |
| <b>Dynamic:</b>   | Not determined.                               |
| <b>Kinematic:</b>   | Not determined.                               |
| · <b>Solvent content:</b>   |   |
| <b>Organic solvents:</b>  | 100.0 %                                       |
| <b>VOC content:</b>   | 0.0 g/l / 0.00 lb/gl                          |
| · <b>Other information</b>  | No further relevant information available.    |

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.

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- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

### 75-09-2 dichloromethane

|      |      |                  |
|------|------|------------------|
| Oral | LD50 | 1600 mg/kg (rat) |
|------|------|------------------|

|            |          |               |
|------------|----------|---------------|
| Inhalative | LC50/4 h | 88 mg/l (rat) |
|------------|----------|---------------|

### 127-18-4 tetrachloroethylene

|      |      |                  |
|------|------|------------------|
| Oral | LD50 | 2629 mg/kg (rat) |
|------|------|------------------|

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:  
Harmful  
Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

|          |                     |    |
|----------|---------------------|----|
| 75-09-2  | dichloromethane     | 2B |
| 127-18-4 | tetrachloroethylene | 2A |

- **NTP (National Toxicology Program)**

|          |                     |   |
|----------|---------------------|---|
| 75-09-2  | dichloromethane     | R |
| 127-18-4 | tetrachloroethylene | R |

- **OSHA-Ca (Occupational Safety & Health Administration)**

|         |                 |
|---------|-----------------|
| 75-09-2 | dichloromethane |
|---------|-----------------|

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**

- **General notes:**

Water hazard class 3 (Self-assessment): extremely hazardous for water  
Do not allow product to reach ground water, water course or sewage system, even in small quantities.  
Danger to drinking water if even extremely small quantities leak into the ground.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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· **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Dispose of content and/or container in accordance with local, regional, national and/or international regulations.
- **Uncleaned packagings:**
- **Recommendation:**  
Dispose of content and/or container in accordance with local, regional, national and/or international regulations

## 14 Transport information

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>· <b>UN-Number</b></li> <li>· <b>DOT, IMDG, IATA</b></li> </ul>   | UN2810  |
| <ul style="list-style-type: none"> <li>· <b>UN proper shipping name</b></li> <li>· <b>DOT, IATA</b></li> <li>· <b>IMDG</b></li> </ul>  | <p>Toxic, liquids, organic, n.o.s. (Dichloromethane, Tetrachloroethylene)</p> <p>TOXIC LIQUID, ORGANIC, N.O.S. (DICHLOROMETHANE, TETRACHLOROETHYLENE)</p> |
| <ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· <b>DOT</b></li> </ul>  | <p>6.1 Toxic substances</p>   |
| <div style="text-align: center;">  <p>TOXIC<br/>6</p> </div> <ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul> | <p>6.1</p>  |
| <ul style="list-style-type: none"> <li>· <b>IMDG, IATA</b></li> </ul>  | <p>6.1 Toxic substances</p>   |
| <div style="text-align: center;">  <p>6</p> </div> <ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>           | <p>6.1</p>  |
| <ul style="list-style-type: none"> <li>· <b>Packing group</b></li> <li>· <b>DOT, IMDG, IATA</b></li> </ul>   | <p>III</p>  |
| <ul style="list-style-type: none"> <li>· <b>Environmental hazards:</b></li> <li>· <b>Marine pollutant:</b></li> </ul>  | <p>No</p>   |
| <ul style="list-style-type: none"> <li>· <b>Special precautions for user</b></li> <li>· <b>EMS Number:</b></li> <li>· <b>Segregation groups</b></li> <li>· <b>Stowage Category</b></li> <li>· <b>Stowage Code</b></li> </ul>             | <p>Warning: Toxic substances</p> <p>F-A,S-A</p> <p>Liquid halogenated hydrocarbons</p> <p>A</p> <p>SW2 Clear of living quarters.</p>                      |

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- |  |  |
|--|--|
| <b>· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable.  |
| <b>· Transport/Additional information:</b>                                       |  |
| <b>· DOT</b>   |  |
| <b>· Quantity limitations</b>  | On passenger aircraft/rail: 60 L<br>On cargo aircraft only: 220 L  |
| <b>· IMDG</b>  |  |
| <b>· Limited quantities (LQ)</b>   | 5L   |
| <b>· Excepted quantities (EQ)</b>  | Code: E1<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 1000 ml |
| <b>· UN "Model Regulation":</b>  | UN 2810 TOXIC, LIQUIDS, ORGANIC, N.O.S.<br>(DICHLOROMETHANE, TETRACHLOROETHYLENE), 6.1, III                      |

## 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

|  |
|--|
| <b>· Section 355 (extremely hazardous substances):</b> |
|--|

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

|  |
|--|
| <b>· Section 313 (Specific toxic chemical listings):</b> |
|--|

|                             |
|-----------------------------|
| All ingredients are listed. |
|-----------------------------|

|   |
|---|
| <b>· TSCA (Toxic Substances Control Act):</b> |
|---|

|                             |
|-----------------------------|
| All ingredients are listed. |
|-----------------------------|

|                         |
|-------------------------|
| <b>· Proposition 65</b> |
|-------------------------|

|   |
|---|
| <b>· Chemicals known to cause cancer:</b> |
|---|

|   |
|---|
| This product contains a chemical known to the state of California to cause cancer |
|---|

|                             |
|-----------------------------|
| All ingredients are listed. |
|-----------------------------|

|  |
|--|
| <b>· Chemicals known to cause reproductive toxicity for females:</b> |
|--|

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

|  |
|--|
| <b>· Chemicals known to cause reproductive toxicity for males:</b> |
|--|

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

|   |
|---|
| <b>· Chemicals known to cause developmental toxicity:</b> |
|---|

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

|                                  |
|----------------------------------|
| <b>· Carcinogenic categories</b> |
|----------------------------------|

|  |
|--|
| <b>· EPA (Environmental Protection Agency)</b> |
|--|

|         |                 |   |
|---------|-----------------|---|
| 75-09-2 | dichloromethane | L |
|---------|-----------------|---|

|          |                     |   |
|----------|---------------------|---|
| 127-18-4 | tetrachloroethylene | L |
|----------|---------------------|---|

|   |
|---|
| <b>· TLV (Threshold Limit Value established by ACGIH)</b> |
|---|

|         |                 |    |
|---------|-----------------|----|
| 75-09-2 | dichloromethane | A3 |
|---------|-----------------|----|

|          |                     |    |
|----------|---------------------|----|
| 127-18-4 | tetrachloroethylene | A3 |
|----------|---------------------|----|

|   |
|---|
| <b>· NIOSH-Ca (National Institute for Occupational Safety and Health)</b> |
|---|

|                             |
|-----------------------------|
| All ingredients are listed. |
|-----------------------------|

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- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07 GHS08

- **Signal word** Warning

- **Hazard-determining components of labeling:**

dichloromethane  
tetrachloroethylene

- **Hazard statements**

H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H351 Suspected of causing cancer.  
H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.

- **Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P280 Wear protective gloves.  
P280 Wear eye protection / face protection.  
P264 Wash thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 Specific treatment (see on this label).  
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P363 Wash contaminated clothing before reuse.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P314 Get medical advice/attention if you feel unwell.  
P330 Rinse mouth.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P405 Store locked up.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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# Safety Data Sheet

*acc. to OSHA HCS*

Printing date 11/13/2015

Reviewed on 01/19/2015

**Trade name: SR-97**

(Contd. of page 11)

· **Department issuing SDS:** Environment protection department.

· **Contact:** Mr. Collins

· **Date of preparation / last revision** 11/13/2015 / -

· **Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*DOT: US Department of Transportation*

*IATA: International Air Transport Association*

*ACGIH: American Conference of Governmental Industrial Hygienists*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*NFPA: National Fire Protection Association (USA)*

*HMIS: Hazardous Materials Identification System (USA)*

*VOC: Volatile Organic Compounds (USA, EU)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Acute Tox. 4: Acute toxicity, Hazard Category 4*

*Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2*

*Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A*

*Skin Sens. 1: Sensitisation - Skin, Hazard Category 1*

*Carc. 2: Carcinogenicity, Hazard Category 2*

*STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3*

*STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2*