

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 07/17/2020

Reviewed on 07/17/2020

1 Identification

· **Product Identifier**

· **Trade Name: Non-Flammable Rubber Cement**

· **Relevant identified uses of the substance or mixture and uses advised against:**

· **Product Description:** Rubber Cement

· **Details of the Supplier of the Safety Data Sheet:**

· **Manufacturer/Supplier:**

Ningbo Sinppa Tools Co., Ltd.
Fangxin Road, Fangqiao Ind. Zone
Fenghua, Ningbo 315514 China
Ph: 86-574-2852-5801

· **Emergency telephone number:**

For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident

Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300 or Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

2 Hazard(s) Identification

· **Classification of the substance or mixture:**



Health hazard

| | | |
|-----------|------|--|
| Muta. 2 | H341 | Suspected of causing genetic defects. |
| Carc. 1A | H350 | May cause cancer. |
| Repr. 1 | H360 | May damage fertility or the unborn child. |
| STOT RE 2 | H373 | May cause damage to organs through prolonged or repeated exposure. |



| | | |
|-------------------|-----------|--|
| Skin Irrit. 2 | H315 | Causes skin irritation. |
| Eye Irrit. 2A | H319 | Causes serious eye irritation. |
| STOT SE 3 | H335-H336 | May cause respiratory irritation. May cause drowsiness or dizziness. |
| Aquatic Chronic 3 | H412 | Harmful to aquatic life with long lasting effects. |

· **Label elements:**

· **Hazard pictograms:**



· **Signal word:** Danger

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

Acetylene Trichloride (Trichloroethylene)

Methylene chloride

· **Hazard statements:**

| | |
|------|---------------------------------------|
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H341 | Suspected of causing genetic defects. |
| H350 | May cause cancer. |

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- H360 May damage fertility or the unborn child.
H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

- P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 If on skin: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P312 Call a poison center/doctor if you feel unwell.
P321 Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
P314 Get medical advice/attention if you feel unwell.
P362+P364 Take off contaminated clothing and wash it before reuse.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Unknown acute toxicity:

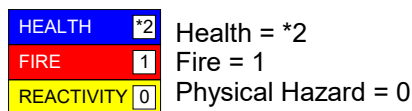
This value refers to knowledge of known, established toxicological or ecotoxicological values.
10 % of the mixture consists of component(s) of unknown toxicity.

Classification system: NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

NFPA ratings (scale 0 - 4)



HMIS-ratings (scale 0 - 4)





Hazard(s) not otherwise classified (HNOC): None known

* 3 Composition/Information on Ingredients

Chemical characterization: Mixtures

Description: Mixture: consisting of the following components.

Dangerous Components:

| | | |
|----------------------------------|---|--------|
| CAS: 79-01-6 RTECS: KX4550000 | Acetylene Trichloride (Trichloroethylene)  Muta. 2, H341; Carc. 1B, H350; Repr. 1A, H360;  Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H336; Aquatic Chronic 3, H412 | 45-55% |
|----------------------------------|---|--------|

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| | | |
|-----------------------------------|--|--------|
| CAS: 75-09-2 RTECS: PA 8050000 | Methylene chloride ☠ Carc. 2, H351; STOT RE 2, H373; ☠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335-H336 | 35-45% |
| CAS: 9006-04-6 | Natural rubber latex | 5-15% |

Additional information:

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

* 4 First-Aid Measures

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

Symptoms of poisoning may occur after exposure to dust, fumes or particulates; seek medical attention if feeling unwell.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in the side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.
If skin irritation occurs, consult a doctor.

After eye contact:

Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.
If easy to do so, remove contact lenses if worn.
If eye irritation occurs, consult a doctor.

After swallowing:

Not anticipated under normal use.
If irritation or discomfort occurs, obtain medical advice.

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:** Use fire fighting measures that suit the environment.**For safety reasons unsuitable extinguishing agents:** No further relevant information.**Special hazards arising from the substance or mixture:** No further relevant information available.**Advice for firefighters****Special protective equipment for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

* 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Not required.**Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up:

Use the appropriate tools to collect the material and dispose of it in an approved waste disposal container.
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to section 13.
Ensure adequate ventilation.
Dispose of the collected material according to regulations.

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· Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

· Protective Action Criteria for Chemicals

· PAC-1:

| | | |
|---------|--|---------|
| 79-01-6 | Acetylene Trichloride (Trichloroethylene) | 130 ppm |
| 75-09-2 | Methylene chloride | 200 ppm |

· PAC-2:

| | | |
|---------|--|---------|
| 79-01-6 | Acetylene Trichloride (Trichloroethylene) | 450 ppm |
| 75-09-2 | Methylene chloride | 560 ppm |

· PAC-3:

| | | |
|---------|--|-----------|
| 79-01-6 | Acetylene Trichloride (Trichloroethylene) | 3,800 ppm |
| 75-09-2 | Methylene chloride | 6,900 ppm |

7 Handling and Storage

· Handling

· Precautions for safe handling:

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 protective respiratory device available.

· Conditions for safe storage, including any incompatibilities

· Storage

· Requirements to be met by storerooms and receptacles: Store in the original container.

· 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 section 7.

· Control parameters:

· Components with occupational exposure limits:

79-01-6 Acetylene Trichloride (Trichloroethylene)

| | |
|-----|---|
| PEL | Long-term value: 100 ppm Ceiling limit value: 200; 300* ppm *5-min peak in any 2 hrs |
| REL | See Pocket Guide Apps. A and C |
| TLV | Short-term value: 135 mg/m ³ , 25 ppm Long-term value: 54 mg/m ³ , 10 ppm BEI |

75-09-2 Methylene chloride

| | |
|-----|--|
| PEL | Short-term value: 125 ppm Long-term value: 25 ppm see 29 CFR 1910.1052 |
|-----|--|

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| | |
|---|--|
| REL | See Pocket Guide App. A |
| TLV | Long-term value: 174 mg/m ³ , 50 ppm BEI |
| 9006-04-6 Natural rubber latex | |
| TLV | Long-term value: 0.0001* mg/m ³ Skin; DSEN, RSEN,* inh. fraction |
| Ingredients with biological limit values: | |
| 79-01-6 Acetylene Trichloride (Trichloroethylene) | |
| BEI | 15 mg/L urine end of shift at end of workweek Trichloroacetic acid (nonspecific) 0.5 mg/L blood end of shift at end of workweek Trichloroethanol without hydrolysis (nonspecific) - blood end of shift at end of workweek Trichloroethylene (semi-quantitative) - end-exhaled air end of shift at end of workweek Trichloroethylene (semi-quantitative) |
| 75-09-2 Methylene chloride | |
| BEI | 0.3 mg/L urine end of shift Dichloromethane (semi-quantitative) |

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

· **Exposure controls:**

· **Personal protective equipment**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing and wash before reuse.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

· **Breathing equipment:** Not required.

· **Protection of hands:**



Protective gloves

· **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

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resistance of the glove material cannot 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 determined and observed by the manufacturer of the protective gloves.

· **Eye protection:**



Safety glasses

· **Limitation and supervision of exposure into the environment:**

Keep away from drains, surface and ground waters.

Avoid release into the environment.

* 9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:

Pasty

Color:

Light yellow

· **Odor:**

Chloroform-like

· **Odor threshold:**

Not determined.

· **pH-value:**

Not available

· **Change in condition**

Melting point/Melting range:

Not determined.

Boiling point/Boiling range:

≥40 °C (≥104 °F)

· **Flash point:**

>410 °C (>770 °F)

· **Flammability (solid, gaseous):**

Not applicable.

· **Ignition temperature:**

410 °C (770 °F)

· **Decomposition temperature:**

Not determined.

· **Auto igniting:**

Product is not self-igniting.

· **Danger of explosion:**

Product does not present an explosion hazard.

· **Explosion limits:**

Lower:

7.9 Vol %

Upper:

90 Vol %

· **Vapor pressure @ 20 °C (68 °F):**

≤453 hPa (≤339.8 mm Hg)

· **Density @ 20 °C (68 °F):**

1.3623 g/cm³ (11.3684 lbs/gal)

· **Relative density:**

Not determined.

· **Vapor density:**

Not determined.

· **Evaporation rate:**

Not determined.

· **Solubility in / Miscibility with:**

Water:

Not miscible or difficult to mix.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

Dynamic:

Not determined.

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Trade Name: Non-Flammable Rubber Cement**Kinematic:** Not determined.**Solvent content:****Organic solvents:** 90.0 %**VOC content:** 50.00 %

1,153.9 g/l / 9.63 lb/gal

Solids content: 0.0 %**Other information:** No further relevant information available.

10 Stability and Reactivity

- Reactivity:** No further relevant information available.
- Chemical stability:** Stable under normal conditions.
- Thermal decomposition / conditions to be avoided:** Carbon dioxide and carbon monoxide may form when heated to decomposition.
- Possibility of hazardous reactions:** No dangerous reactions known.
- Conditions to avoid:** No further relevant information available.
- Incompatible materials:** Strong oxidizing agents.
- 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:****79-01-6 Acetylene Trichloride (Trichloroethylene)**

Oral LD50 2,402 mg/kg (Mouse)

Dermal LD50 8,450 mg/kg (Mouse)

75-09-2 Methylene chloride

Oral LD50 1,600 mg/kg (Rat)

Inhalative LC50/4 h 88 mg/l (Rat)

LC50/96 hours 193 mg/l (Pimephales)

Primary irritant effect:**On the skin:** Irritant to skin and mucous membranes.**On the eye:** Irritating effect.**Additional toxicological information:**

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

Irritant

Carcinogenic

Carcinogenic categories:**IARC (International Agency for Research on Cancer):**

Group 1 - Carcinogenic to humans

Group 2A - Probably carcinogenic to humans

Group 2B - Possibly carcinogenic to humans

Group 3 - Not classifiable as to its carcinogenicity to humans

Group 4 - Probably not carcinogenic to humans

79-01-6 Acetylene Trichloride (Trichloroethylene)

1

75-09-2 Methylene chloride

2A

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| | | |
|---|--|---|
| · NTP (National Toxicology Program): | | |
| 79-01-6 | Acetylene Trichloride (Trichloroethylene) | K |
| 75-09-2 | Methylene chloride | R |
| · OSHA-Ca (Occupational Safety & Health Administration): | | |
| 75-09-2 | Methylene chloride | |

12 Ecological Information

- **Toxicity:**
- **Aquatic toxicity:**
Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

| | |
|-----------------------------------|-------------------------|
| 75-09-2 Methylene chloride | |
| EC50 | 1,682 mg/l (Water flea) |

- **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.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **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.
Harmful to aquatic organisms
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

* 13 Disposal Considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

* 14 Transport Information

- **UN-Number:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es):**
- **DOT, ADR/ADN, ADN, IMDG, IATA**
- **Class:** Non-Regulated Material
- **Packing group:**
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.

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Trade Name: Non-Flammable Rubber Cement

· **Special precautions for user:** Not applicable.

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

· **Transport/Additional information:**

· **DOT**

· **Remarks:** ERG Number: 151

· **ADR/ADN**

· **Remarks:** ERG Number: 151

· **UN "Model Regulation":** Non-Regulated Material

*** 15 Regulatory Information**

· **Safety, health and environmental regulations/legislation specific for the substance or mixture:**

· **SARA (Superfund Amendments and Reauthorization):**

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

79-01-6 Acetylene Trichloride (Trichloroethylene)

75-09-2 Methylene chloride

· **TSCA (Toxic Substances Control Act):**

79-01-6 Acetylene Trichloride (Trichloroethylene)

ACTIVE

75-09-2 Methylene chloride

ACTIVE

· **Hazardous Air Pollutants**

79-01-6 Acetylene Trichloride (Trichloroethylene)

75-09-2 Methylene chloride

· **California Proposition 65:**

· **Chemicals known to cause cancer:**

79-01-6 Acetylene Trichloride (Trichloroethylene)

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**

79-01-6 Acetylene Trichloride (Trichloroethylene)

· **Chemicals known to cause developmental toxicity:**

79-01-6 Acetylene Trichloride (Trichloroethylene)

· **New Jersey Right-to-Know List:**

79-01-6 Acetylene Trichloride (Trichloroethylene)

75-09-2 Methylene chloride

· **New Jersey Special Hazardous Substance List:**

79-01-6 Acetylene Trichloride (Trichloroethylene)

CA

75-09-2 Methylene chloride

CA, MU

· **Pennsylvania Right-to-Know List:**

79-01-6 Acetylene Trichloride (Trichloroethylene)

75-09-2 Methylene chloride

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| | | |
|---|--|----|
| · Pennsylvania Special Hazardous Substance List: | | |
| 79-01-6 | Acetylene Trichloride (Trichloroethylene) | E |
| 75-09-2 | Methylene chloride | ES |

· Carcinogenic categories:

| | | |
|---|--|-----|
| · EPA (Environmental Protection Agency): | | |
| 79-01-6 | Acetylene Trichloride (Trichloroethylene) | CaH |
| 75-09-2 | Methylene chloride | L |

· TLV (Threshold Limit Value established by ACGIH):

| | | |
|---------|--|----|
| 79-01-6 | Acetylene Trichloride (Trichloroethylene) | A2 |
| 75-09-2 | Methylene chloride | A3 |

· NIOSH-Ca (National Institute for Occupational Safety and Health):

| | | |
|---------|--|--|
| 79-01-6 | Acetylene Trichloride (Trichloroethylene) | |
| 75-09-2 | Methylene chloride | |

· GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

· Hazard pictograms:



· Signal word: Danger

· Hazard-determining components of labeling:

Acetylene Trichloride (Trichloroethylene)

Methylene chloride

· Hazard statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H341 Suspected of causing genetic defects.

H350 May cause cancer.

H360 May damage fertility or the unborn child.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

· Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 If on skin: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P312 Call a poison center/doctor if you feel unwell.

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| | |
|-----------|---|
| P321 | Specific treatment (see supplementary first aid instructions on this Safety Data Sheet). |
| P314 | Get medical advice/attention if you feel unwell. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P332+P313 | If skin irritation occurs: Get medical advice/attention. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container in accordance with local/regional/national/international regulations. |

· National regulations:

None of the ingredients are listed.

· Information about limitation of use:**· Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· Date of last revision/ revision number: 07/17/2020 / 5**· Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
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
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety & Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Muta. 2: Germ cell mutagenicity – Category 2
Carc. 1A: Carcinogenicity – Category 1A
Carc. 1B: Carcinogenicity – Category 1B
Carc. 2: Carcinogenicity – Category 2
Repr. 1: Reproductive toxicity – Category 1
Repr. 1A: Reproductive toxicity – Category 1A
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· * Data compared to the previous version altered.

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