

# SAFETY DATA SHEET

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Version 1

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product name:** CARBOCAINE (R) hydrochloride 3 % Injection

**Product code:** 1633130

**Supplier** Carestream Health, Inc., 150 Verona Street, Rochester, New York 14608

Emergency telephone number  
CHEMTREC: +1-703-527-3887 (INTERNATIONAL)  
1-800-424-9300 (NORTH AMERICA)

For other information contact: 800-328-2910

## 2. HAZARDS IDENTIFICATION

### Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

### Label elements

#### Emergency Overview

**Appearance** No information available      **Physical state** liquid      **Odor** No information available

### Hazards not otherwise classified (HNOC)

- Not applicable

### Other Information

Can cause local anesthesia (numbness in the exposed area).

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name      | CAS-No    | Weight % | Trade Secret |
|--------------------|-----------|----------|--------------|
| Water<br>7732-18-5 | 7732-18-5 | 95-99    | *            |

|                                                                                                 |           |       |   |
|-------------------------------------------------------------------------------------------------|-----------|-------|---|
| 2-Piperidinecarboxamide,<br>N-(2,6-dimethylphenyl)-1-methyl-,<br>monohydrochloride<br>1722-62-9 | 1722-62-9 | 1-5   | * |
| Sodium chloride<br>7647-14-5                                                                    | 7647-14-5 | 0.1-1 | * |

\*The exact percentages (concentrations) have been withheld as trade secrets.

#### 4. FIRST AID MEASURES

##### First Aid Measures

|                                   |                                                                                                                                                                 |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b>             | Show this material safety data sheet to the doctor in attendance. Immediate medical attention is not required.                                                  |
| <b>Eye contact</b>                | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.                                 |
| <b>Skin contact</b>               | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.                    |
| <b>Inhalation</b>                 | Move to fresh air. If symptoms persist, call a physician.                                                                                                       |
| <b>Ingestion</b>                  | Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth. Never give anything by mouth to an unconscious person. |
| <b>Protection of First-aiders</b> | Use personal protective equipment.                                                                                                                              |

##### Most important symptoms and effects, both acute and delayed

|                      |                                                            |
|----------------------|------------------------------------------------------------|
| <b>Main Symptoms</b> | Can cause local anesthesia (numbness in the exposed area). |
|----------------------|------------------------------------------------------------|

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

|                           |                                                                                                                                                                                                                                                                        |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes to physician</b> | May cause sensitization of susceptible persons. Adverse effects may be more pronounced in those receiving medications to alter blood pressure, or people with cardiovascular disease or drug sensitivity or allergy. See package insert for more detailed information. |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

##### Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire.

##### Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact.

##### Hazardous Combustion Products

Carbon oxides.

##### Explosion Data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use personal protective equipment. Avoid contact with the skin and the eyes. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing vapors or mists.

**Environmental precautions**

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.

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

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on safe handling** Ensure adequate ventilation. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.

**Conditions for safe storage, including any incompatibilities**

**Technical measures/Storage conditions** Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place.

**Incompatible products** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

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

**Appropriate engineering controls**

**Engineering Measures** Ensure adequate ventilation. Apply technical measures to comply with the occupational exposure limits. Showers. Eyewash stations.

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

**Eye/Face Protection** Safety glasses with side-shields. If splashes are likely to occur, wear: Face-shield.

**Skin and body protection** Wear protective gloves/clothing. Skin contact should be prevented through use of suitable protective clothing, gloves, and footwear, selected with regard of use conditions and exposure potential.

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures**

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL AND CHEMICAL PROPERTIES**

|                                               |                          |                                 |                          |
|-----------------------------------------------|--------------------------|---------------------------------|--------------------------|
| <b>Physical state</b>                         | liquid                   | <b>Odor</b>                     | No information available |
| <b>Appearance</b>                             | No information available | <b>Odor Threshold</b>           | No information available |
| <b>Color</b>                                  | colorless                |                                 |                          |
| <b><u>Property</u></b>                        | <b><u>Values</u></b>     | <b><u>Remarks/ • Method</u></b> |                          |
| <b>ph</b>                                     | 4.5 - 6.8                |                                 |                          |
| <b>Melting point/range:</b>                   |                          |                                 | No information available |
| <b>Boiling point/boiling range</b>            | > 100 °C                 |                                 | No information available |
| <b>Flash Point</b>                            |                          |                                 | Does not flash.          |
| <b>Evaporation rate</b>                       |                          |                                 | No information available |
| <b>Flammability (solid, gas)</b>              |                          |                                 |                          |
| upper flammability limit                      |                          |                                 |                          |
| lower flammability limit                      |                          |                                 |                          |
| <b>Vapor pressure</b>                         | 24 hPa                   |                                 | No information available |
| <b>Vapor density</b>                          | 0.6                      |                                 | No information available |
| <b>Specific Gravity</b>                       | 1                        |                                 | No information available |
| <b>Water Solubility</b>                       | completely soluble       |                                 | No information available |
| <b>Solubility in other solvents</b>           |                          |                                 | No information available |
| <b>Partition coefficient: n-octanol/water</b> |                          |                                 | No information available |
| <b>Autoignition temperature</b>               |                          |                                 | No information available |
| <b>Decomposition temperature</b>              |                          |                                 | No information available |
| <b>Viscosity, kinematic</b>                   |                          |                                 | No information available |
| <b>Viscosity, dynamic</b>                     |                          |                                 | No information available |
| <b>Oxidizing Properties</b>                   | No information available |                                 |                          |
| <b>Explosive properties</b>                   | No information available |                                 |                          |
| <b><u>Other information</u></b>               |                          |                                 | No information available |
| <b>Softening point</b>                        |                          |                                 |                          |
| <b>Molecular Weight</b>                       |                          |                                 | No information available |
| <b>Density VALUE</b>                          |                          |                                 | No information available |
| <b>Bulk Density VALUE</b>                     |                          |                                 | No information available |

## 10. STABILITY AND REACTIVITY

**Reactivity**

Not applicable

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid****Incompatible Materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

|                     |                                                                                                                                                                                 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Expected to be a low hazard for recommended handling.                                                                                                                           |
| <b>Eye contact</b>  | May cause eye irritation.                                                                                                                                                       |
| <b>Skin contact</b> | May be absorbed through the skin in harmful amounts. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.                                  |
| <b>Ingestion</b>    | May be harmful if swallowed. Some asthmatics or sulfite-sensitive individuals may experience wheezing, chest tightness, stomach upset, hives, faintness, weakness and diarrhea. |

**Toxicology data for the components**

| Chemical Name                | Oral LD50                                                  | Dermal LD50 | Inhalation LC50                                                                 |
|------------------------------|------------------------------------------------------------|-------------|---------------------------------------------------------------------------------|
| Water<br>7732-18-5           | 90,000 mg/kg ( Rat )                                       | -           | -                                                                               |
| Sodium chloride<br>7647-14-5 | 3 g/kg ( Rat )<br>Oral LD50 Rat 3 g/kg (Source:<br>IUCLID) | -           | 42 g/m <sup>3</sup> ( Rat ) 1 h<br>Inhalation LC50 Rat >42 g/m <sup>3</sup> 1 h |

**Information on toxicological effects**

**Symptoms** Can cause local anesthesia (numbness in the exposed area).

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|                                 |                                                                                                     |
|---------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Sensitization</b>            | Repeated or prolonged contact may cause allergic reactions in very susceptible persons.             |
| <b>mutagenic effects</b>        | No information available.                                                                           |
| <b>Carcinogenicity</b>          | No information available.                                                                           |
| <b>Reproductive toxicity</b>    | No information available.                                                                           |
| <b>STOT - single exposure</b>   | No information available                                                                            |
| <b>STOT - repeated exposure</b> | No information available                                                                            |
| <b>Chronic toxicity</b>         | Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure. |
| <b>Aspiration Hazard</b>        | No information available.                                                                           |

**Numerical measures of toxicity - Product Information****Unknown acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 16667 mg/kg

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

3% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name                | Toxicity to algae | Toxicity to fish                                                                                                                                                                                                                                                                                                                                                                        | Toxicity to microorganisms | Toxicity to daphnia and other aquatic invertebrates                                            |
|------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------|
| Sodium chloride<br>7647-14-5 |                   | 4747 - 7824: 96 h<br>Oncorhynchus mykiss mg/L<br>LC50 flow-through 5560 -<br>6080: 96 h Lepomis<br>macrochirus mg/L LC50<br>flow-through 6020 - 7070: 96<br>h Pimephales promelas<br>mg/L LC50 static 6420 -<br>6700: 96 h Pimephales<br>promelas mg/L LC50 static<br>12946: 96 h Lepomis<br>macrochirus mg/L LC50<br>static 7050: 96 h Pimephales<br>promelas mg/L LC50<br>semi-static |                            | 340.7 - 469.2: 48 h Daphnia<br>magna mg/L EC50 Static<br>1000: 48 h Daphnia magna<br>mg/L EC50 |

#### **Persistence and degradability**

No information available.

#### **Bioaccumulation:**

No information available.

### **13. DISPOSAL CONSIDERATIONS**

#### **Waste treatment methods**

##### **Waste Disposal Methods**

Dispose of in accordance with local regulations.

##### **Contaminated packaging**

Do not re-use empty containers. Dispose of in accordance with local regulations.

### **14. TRANSPORT INFORMATION**

The information given below is provided to assist in documentation. It may supplement the information on the package. The package in your possession may carry a different version of the label depending on the date of manufacture. Depending on inner packaging quantities and packaging instructions, it may be subject to specific regulatory exceptions. Please consult the product packaging for further details.

**DOT** Not regulated

**TDG** Not regulated

**ICAO/IATA** Not regulated

**IMDG/IMO** Not regulated

For transportation information, go to: <http://ship.carestream.com>

### **15. REGULATORY INFORMATION**

"Does not comply" indicates a component is either not on the public inventory or is subject to exemption requirements. If additional information is needed contact Carestream Health.

#### **International Inventories**

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|               |                 |
|---------------|-----------------|
| TSCA          | Complies        |
| DSL/NDSL      | Complies        |
| EINECS/ELINCS | Complies        |
| ENCS          | Does not comply |
| IECSC         | Does not comply |
| KECL          | Does not comply |
| PICCS         | Does not comply |
| AICS          | Complies        |
| NZIoC         | Complies        |

**Legend**

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

|                                   |     |
|-----------------------------------|-----|
| Acute Health Hazard               | Yes |
| Chronic Health Hazard             | No  |
| Fire Hazard                       | No  |
| Sudden Release of Pressure Hazard | No  |
| Reactive Hazard                   | No  |

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**TSCA**

This product does not contain any chemicals regulated under TSCA Section 4, Section 5(a), Section 8(a) or Section 8(d).

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations

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**International Regulations****Mexico - Grade**

No information available

**16. OTHER INFORMATION****NFPA****Health Hazard** 0**Flammability** 0**Instability** 0**HMIS****Health Hazard** 1**Flammability** 0**Physical Hazard** 0**Revision Date**

2014-10-01

**Revision Note**

(M)SDS sections updated

**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, 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.

**End of Safety Data Sheet**