

## Safety Data Sheet (SDS)

RB185-EPA

Issue date 02/02/2016

Reviewed on 07/09/2018

### 1. Identification

- **Product Identifier**
- **Name of the product:** RB185-EPA
- **Recommended Use:** Sanitizer
  
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**  
B & L Neeley, Inc  
792 E. Louise Avenue  
Manteca, CA 95336  
General Number: (209) 823-3571
- **Emergency telephone number: (800) 255-3924 (24 hour) CHEMTEL**

### 2. Hazard(s) Identification

**GHS SIGNALWORD:** WARNING!

**GHS Symbol:**



**GHS HAZARD STATEMENT:**

H302 + H312 + H332 – Harmful if swallowed, in contact with skin or if inhaled.  
H314 – Causes severe skin burns and eye damage.

**GHS Precautionary Statement(s) – Prevention:**

P210 – Keep away from heat, hot surfaces, open flames, sparks. – No smoking.  
P233 – Keep container tightly closed.  
P260 – Do not breathe mist, vapors, or spray.  
P264 – Wash skin and contaminated clothing thoroughly after handling.  
P273 – Avoid release to the environment.  
P280 – Wear gloves, protective clothing, eye and face protection.

**GHS Precautionary Statement(s) – Response:**

P305 + P351 + P338 – If in Eyes – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for several minutes.  
P310 – Immediately call a POISON CENTER or Physician.  
P301 + P330 + P331 – If Swallowed: Rinse mouth several times. Do NOT induce vomiting.

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### 2. Hazard(s) Identification (continued)

P303 + P361 + P353 – If on Skin (or hair): Remove immediately all contaminated clothing. Rinse skin with water.

P363 – Wash contaminated clothing before reuse.

P304 + P340 – If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### GHS Precautionary Statement(s) – Storage:

P405 – Store in a secure manner.

#### GHS Precautionary Statement(s) – Disposal:

P501 – Dispose of contents and container in accordance with applicable local, regional, national, and/or international.

### 3. Composition / Information on ingredients

Name:	CAS #:
Quaternary ammonia Benzyl (C12-C16) dimethyl, chloride	68424-85-1
N,N-Dialkyl (C8-C10)-N,N-dimethylammonium chloride	68424-95-3
Ethanol	64-17-5

### 4. First-aid measures

#### Emergency and First Aid Procedures:

##### EXTERNAL:

If the body or clothing comes in contact with this chemical or its diluted water solution, remove the clothing immediately, while flushing affected body parts with large quantities of clean water. Wash body part thoroughly. Cover the contaminated skin with an anti-bacterial cream. Thoroughly clean contaminated clothing and boots before re-use, or discard. Contact a physician immediately.

##### EYES:

Remove contact lenses if present and easy to do. Flush freely with clean water for at least 15 minutes and contact a physician immediately. Hold eyelids open during this flushing with water. Contact a physician immediately.

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### 4. First-aid measures (continued)

**INTERNAL:**

DO NOT induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Contact a POISON CENTER or a doctor/physician immediately.

**INHALATION:**

Remove to fresh air. Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If not breathing, give artificial respiration, preferably mouth to mouth. **WARNING:** It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention. Contact a physician immediately.

**MEDICAL ATTENTION AND SPECIAL TREATMENT:**

Treat symptomatically.

### 5. Firefighting measures

<b>Flash Point (test method):</b>	Closed cup: 40.55 °C (105°F)
<b>Autoignition Temperature:</b>	No data available
<b>Flammable Limits in Air, % by Vol.:</b>	No data available
Lower:	No data available
Upper:	No data available
<b>Extinguishing Media:</b>	Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam. Cool closed containers exposed to fire with water.
<b>Special Fire Fighting Procedures:</b>	COMBUSTIBLE LIQUID AND VAPOR. Keep away from heat, sparks and flame. May emit toxic fumes under fire conditions. In a fire or if heated, a pressure increase will occur and the container may burst.

### 6. Accidental release measures

**Emergency procedures and Protective Equipment:**

Make sure the area is clear of all unprotected personnel. Eliminate all ignition

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### 6. Accidental release measures (continued)

sources. If contamination of sewers or waterways has occurred advise local emergency services. Remove all sources of ignition. Ventilate the area. Wear Proper Protective Equipment as listed in section "8" of the SDS.

#### **Spill clean-up and Personal Precaution:**

##### **Small Spill:**

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

##### **Large Spill:**

Stop leak if without risk. Make sure the area is clear of all unprotected personnel. Absorb with DRY earth, sand or other non-combustible material. Do NOT touch spilled material. Use water spray curtain to divert vapor drift. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed.

### 7. Handling and storage

#### **Handling:**

Keep away from flammable substance, incompatible substances, and sources of ignition – No smoking. Avoid sun rays, heat, heat effect. DO NOT breathe gas/fumes/vapor/spray. Avoid contact with skin and eyes. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately.

#### **Storage:**

Keep container tightly closed. Keep container in a cool, well-ventilated area. Separate from metallic salts, alkalis, and flammables.

### 8. Exposure controls / personal protection

#### **Exposure limits:**

Data for the Mixture is not available. OSHA PEL for Ethanol: 1000 ppm

#### **Engineering Controls:**

Well ventilated area for evacuation of any mist, or local exhaust sufficient to minimize exposure below limits.

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### 8. Exposure controls / personal protection (continued)

#### **Personal Protective Equipment:**

##### **Eye protection:**

Use chemical splash goggles or face shield.

##### **Skin and body protection:**

Wear protective clothing. Suitable materials are: PVC, neoprene, nitrile rubber (NBR), Rubber or plastic boots. A safety shower and eye wash fountain should be readily available. To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product.

##### **Hygiene measures:**

Avoid contact with skin, eyes and clothing. Do not inhale vapor, aerosols, mist. Ensure there is good room ventilation. Avoid contaminating clothing with product. Immediately change moistened and saturated work clothes. Immediately rinse contaminated or saturated clothing with water. Any contaminated protective equipment is to be cleaned after use.

##### **Protective measures:**

Handle in accordance with good industrial hygiene and safety practices. The workplace related airborne concentrations have to be kept below of the indicated exposure limits. If workplace exposure limits are exceeded and/or larger amounts are released (leakage, spilling, mist), a NIOSH approved respirator should be used. Wear suitable protective clothing, gloves and eye/face protection.

### 9. Physical and chemical properties

<b>Physical State:</b>	Liquid
<b>Color:</b>	Light blue
<b>Odor:</b>	Pleasant
<b>Odor Threshold:</b>	Data not Available
<b>Boiling Point, 760 MM HG:</b>	93.3 °C (200 °F)
<b>Specific Gravity (H<sub>2</sub>)=1):</b>	0.937
<b>pH:</b>	6.0-8.0

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### 9. Physical and chemical properties (continued)

<b>Vapor Density (Air=1)</b>	Data not available
<b>% Volatiles by Vol.:</b>	Data not available
<b>Melting Point:</b>	N/A
<b>Vapor Pressure:</b>	Data not available
<b>Solubility in H<sub>2</sub>O, % by WT:</b>	100%
<b>Evaporation Rate (Butyl Acetate=1):</b>	As water

### 10. Stability and reactivity

**Chemical Stability:**

This product is stable under normal conditions of temperature and pressure.

**Incompatibility:**

Slightly reactive or incompatible with the following materials: oxidizing materials and reducing materials. Protect from temperature extremes and direct sunlight.

**Hazardous Decomposition:**

Carbon oxides (CO, CO<sub>2</sub>) nitrogen oxides (NO, NO<sub>2</sub> etc), hydrogen chloride, and Ammonia.

### 11. Toxicological information

**Potential Health Effects:**

**Ingestion:**

Harmful if swallowed. Causes severe digestive tract burns. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury and possible death.

**Eye contact:**

A severe eye irritant. Corrosive to eyes; contact can cause corneal burns. Contamination of eyes can result in permanent injury.

**Skin contact:**

Corrosive. Contact causes burning sensations, smarting, inflammation, burns, painful blisters. Harmful if absorbed through skin.

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### 11. Toxicological information (continued)

**Inhalation:**

May cause irritation of nose, throat, and lungs with cough, difficulty breathing or shortness of breathe; or pulmonary edema (fluid in the lungs) with cough, wheezing, abnormal lung sounds, possibly progressing to shortness of breath and bluish discoloration of the skin.

**Human Threshold Response:**

**Odor Threshold:** Data not available

**Irritation Threshold:** Data not available

**Animal Toxicology:** Data not available

### 12. Ecological information

Data not available

### 13. Disposal considerations

**Waste Disposal Methods:**

The user of this material has the responsibility to dispose of unused material, residues, and containers in accordance with Federal, State, and local regulations.

### 14. Transport information

This product is not DOT regulated

### 15. Regulatory information

**State Regulations (California Prop 65 Components):**

WARNING! This product contains a chemical known in the State of California to cause cancer.

WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm

**OSHA Hazards:**

This material is classified as hazardous under OSHA regulations.

**CERCLA:**

CERCLA/SUPERFUND: RQ (Reportable Quantity): Not available for the Mixture.

Contact the regulation agencies in case of release.

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### 15. Regulatory information (continued)

**Federal Regulatory Information:** this product is EPA Regulated; EPA regulation number is 6836-70-58783

### 16. Other information

National Fire Protection Association (NFPA)

**NFPA**

Health	3
Flammability	1
Instability	0
Special Hazard	-



**Note:**

The above information is accurate to the best of our knowledge. However, since the safety data standards and the government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, we make no warranty, either expressed or implied with respect to the completeness or continuing accuracy of the information contained herein and disclaim all liability for reliance thereon. Furthermore, it is the buyer's responsibility to ensure that its' activities comply with Federal, State, and local laws.

B & L Neeley has not provided percent of items noted in section 3: composition information or ingredients to protect the trade secret concentration of the product. As per OSHA 29 CFR 1910.1200 Appendix D, all ingredients of the product have been noted in section 3 as required.

**SDS Revision #3 Date:** 02/02/16