



## Clax® 200 Plus Detergent - industrial soils

Revision: 2024-07-31

Version: 02.0

### 1. IDENTIFICATION

**Product name:** Clax® 200 Plus  
Detergent - industrial soils

**SDS #:** MS0801682

**Recommended use:**

- Laundry Detergent
- Industrial/Institutional
- This product is intended to be diluted prior to use

**Uses advised against:** Uses other than those identified are not recommended

**Manufacturer, importer, supplier:**

|  |   |
|--|---|
| US Headquarters<br>Diversey, Inc.<br>1300 Altura Rd., Suite 125<br>Fort Mill, SC 29708<br>Phone: 1-888-352-2249<br>SDS Internet Address: <a href="https://sds.diversey.com">https://sds.diversey.com</a> | Canadian Headquarters<br>Diversey Canada, Inc.<br>6150 Kennedy Road Unit 3<br>Mississauga, Ontario L5T 2J4<br>Phone: 1-800-668-7171 |
|--|---|

**Emergency telephone number:** 1-800-851-7145; 1-651-917-6133 (Int'l)

### 2. HAZARDS IDENTIFICATION

#### Classification for the undiluted product

Serious eye damage, Category 1  
 Acute toxicity, oral, Category 4  
 Skin irritation, Category 2



**Signal word:** Danger.

#### Hazard Statements

**HARMFUL IF SWALLOWED. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE DAMAGE.**

#### Precautionary Statements

Causes burns/ serious damage to mouth, throat and stomach. Keep container tightly closed. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves and eye or face protection. IF SWALLOWED: Rinse mouth. Immediately call a Poison Center (1-800-851-7145) or physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or physician. Take off contaminated clothing and wash it before reuse. Dispose of in accordance with all federal, state and local applicable regulations.

**Health hazards not otherwise classified (HHNOC)** - Not applicable

**Physical hazards not otherwise classified (PHNOC)** - Not applicable

#### Classification for the diluted product 1:170

This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

#### Hazard and Precautionary Statements

None required.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Classified Ingredients

| Ingredient(s)  | CAS #       | Weight % |
|--|-------------|----------|
| Alcohols, C10-16, ethoxylated (7-<15 EO)   | 68002-97-1  | 30 - 60% |
| alcohols, C12-15-branched and linear, ethoxylated propoxylated (unspecified EO,PO) | 120313-48-6 | 10 - 30% |
| 2-(2-butoxyethoxy)ethanol  | 112-34-5    | 7 - 13%  |
| Isopropyl alcohol  | 67-63-0     | 1 - 5%   |

### 4. FIRST AID MEASURES

#### Undiluted Product:

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

**Skin:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash with plenty of water for at least 15 minutes.

**Inhalation:** No specific first aid measures are required.

**Ingestion:** IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed** Not applicable.

#### Diluted Product:

**Eyes:** Rinse with plenty of water.

**Skin:** No specific first aid measures are required

**Inhalation:** No specific first aid measures are required

**Ingestion:** IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

### 5. FIRE-FIGHTING MEASURES

**Specific methods:**

No special methods required

**Suitable extinguishing media:**

The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

**Specific hazards:**

None known.

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

**Extinguishing media which must not be used for safety reasons:** No information available.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Put on appropriate personal protective equipment (see Section 8.).

**Environmental precautions and clean-up methods:**

Clean-up methods - large spillage. Material is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES permit. Prevent product from entering drains. Water runoff can cause environmental damage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:** Keep tightly closed in a dry, cool and well-ventilated place.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines:**

| Ingredient(s) | ACGIH | OSHA |
|---------------|-------|------|
|---------------|-------|------|

|                           |                                 |  |
|---------------------------|---------------------------------|--|
| 2-(2-butoxyethoxy)ethanol | 10 ppm (TWA)                    | -  |
| Isopropyl alcohol         | 400 ppm (STEL)<br>200 ppm (TWA) | 400 ppm (TWA)<br>980 mg/m <sup>3</sup> (TWA) |

#### **Undiluted Product:**

##### **Engineering measures to reduce exposure:**

Good general ventilation should be sufficient to control airborne levels.

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

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

|                                  |   |
|----------------------------------|---|
| <b>Eye protection:</b>           | Chemical-splash goggles.  |
| <b>Hand protection:</b>          | Chemical-resistant gloves.  |
| <b>Skin and body protection:</b> | No personal protective equipment required under normal use conditions.  |
| <b>Respiratory protection:</b>   | No personal protective equipment required under normal use conditions. If aerosols, mists, or vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over-exposure. |
| <b>Hygiene measures:</b>         | Handle in accordance with good industrial hygiene and safety practice.  |

#### **Diluted Product:**

##### **Engineering measures to reduce exposure:**

Good general ventilation should be sufficient to control airborne levels.

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

|                                  |  |
|----------------------------------|--|
| <b>Eye protection:</b>           | No personal protective equipment required under normal use conditions. |
| <b>Hand protection:</b>          | No personal protective equipment required under normal use conditions. |
| <b>Skin and body protection:</b> | No personal protective equipment required under normal use conditions. |
| <b>Respiratory protection:</b>   | No personal protective equipment required under normal use conditions. |
| <b>Hygiene measures:</b>         | Handle in accordance with good industrial hygiene and safety practice. |

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State** Liquid

**Evaporation Rate:** No information available

**Odor threshold:** No information available.

**Melting point/freezing point (°C):** Not determined

**Autoignition temperature:** No information available

**Solubility in other solvents:** No information available

**Density:** 1.01 Kg/L

**Bulk density:** No information available

**Flash point (°F):** > 200.1 °F > 93.4 °C

**Kinematic viscosity** mPa.s

80

**VOC:** 3.1 % \*

**Flammability (Solid or Gas):** Not applicable

**Sustained combustion:** The product does not sustain combustion

**Explosion limits:** - upper: Not determined - lower: Not determined

**Color:** Clear , Colorless

**Odor:** Product specific

**Boiling point/range:** Not determined

**Decomposition temperature:** Not determined

**Solubility:** Completely Soluble

**Relative Density (relative to water):** 1.01

**Vapor density:** No information available

**Vapor pressure:** No information available.

**Partition coefficient (n-octanol/water):** No information available

**Elemental Phosphorus:** 0.00 % by wt.

**pH:** ≈ 7

**Corrosion to metals:** Not corrosive to metals

**Dilution pH:** ≈ 7

**Dilution Flash Point (°F):** > 200.1 °F > 93.4 °C

**VOC % by wt. at use dilution:** 0 %

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## **10. STABILITY AND REACTIVITY**

|  |   |
|--|---|
| <b>Reactivity:</b>                         | Not Applicable  |
| <b>Stability:</b>                          | The product is stable   |
| <b>Possibility of hazardous reactions:</b> | None known  |
| <b>Hazardous decomposition products:</b>   | None reasonably foreseeable.  |
| <b>Materials to avoid:</b>                 | Do not mix with any other product or chemical unless specified in the use directions. |
| <b>Conditions to avoid:</b>                | None known.   |

## **11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure:**

Skin contact, Inhalation, Ingestion, Eye contact

**Delayed, immediate, or chronic effects and symptoms from short and long-term exposure**

**Skin contact:** Causes skin irritation. Symptoms may include pain (which may be delayed), redness, and/or discomfort.

**Eye contact:** Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.

**Ingestion:** Harmful if swallowed. Symptoms may include vomiting, nausea, and/or feeling of general unwellness.

**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

**Sensitization:** No known effects.

**Target Organs (SE):** None known

**Target Organs (RE):**

**Numerical measures of toxicity**

**ATE - Oral (mg/kg):** 960

**ATE - Dermal (mg/kg):** >2000

**ATE - Inhalatory, gases (mg/l):** >20000

**ATE - Inhalatory, mists (mg/l):** >5

**ATE - Inhalatory, vapors (mg/l):** >20

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**Mobility:** No information available.

**Other adverse effects** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products (undiluted product):** This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**Waste from residues / unused products (diluted product):** This product, when diluted as stated on this SDS, is not a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**RCRA Hazard Class (undiluted product):** Not Regulated

**RCRA Hazard Class (diluted product):** Not Regulated

**Contaminated Packaging:** Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** This product is not regulated for transport.

**DOT (Ground) Bill of Lading Description:** NOT REGULATED

**IMDG (Ocean) Bill of Lading Description:** NOT REGULATED

## 15. REGULATORY INFORMATION

### International Inventories at CAS# Level

TSCA  
DSL

All components are listed or otherwise exempt  
All components are listed or otherwise exempt



WARNING: This product can expose you to chemicals including Propylene Oxide which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### US RIGHT TO KNOW (RTK)

| Ingredient(s)  | CAS #       | MARTK: | NJRTK: | PARTK: | RIRTK: |
|--|-------------|--------|--------|--------|--------|
| Alcohols, C10-16, ethoxylated (7-<15 EO)   | 68002-97-1  | -      | -      | -      | -      |
| Water  | 7732-18-5   | -      | -      | -      | -      |
| alcohols, C12-15-branched and linear, ethoxylated propoxylated (unspecified EO,PO) | 120313-48-6 | -      | -      | -      | -      |
| 2-(2-butoxyethoxy)ethanol  | 112-34-5    | -      | X      | -      | -      |
| Isopropyl alcohol  | 67-63-0     | X      | X      | X      | -      |

### CERCLA/ SARA

| Ingredient(s)             | CAS #    | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|---------------------------|----------|----------|----------------------|-----------------------|-------------|
| 2-(2-butoxyethoxy)ethanol | 112-34-5 | 7 - 13%  |                      |                       | X           |
| Isopropyl alcohol         | 67-63-0  | 1 - 5%   |                      |                       | X           |

### Clean Air Act/Clean Water Act

| Ingredient(s)             | CAA HAP | CAA ODS | CWA Priority Pollutants |
|---------------------------|---------|---------|-------------------------|
| 2-(2-butoxyethoxy)ethanol | X       |         |                         |

### Canadian Regulations

| Ingredient(s)             | CAS #    | NPRI |
|---------------------------|----------|------|
| 2-(2-butoxyethoxy)ethanol | 112-34-5 | X    |
| Isopropyl alcohol         | 67-63-0  | X    |

## 16. OTHER INFORMATION

### NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 3

Flammability 0

Instability 0

Special Hazards -

### Diluted Product:

Health 0

Flammability 0

Instability 0

Special Hazards -

Revision: 2024-07-31

Version: 02.0

Reason for revision:

Not applicable

Prepared by:

North American Regulatory Affairs

Additional advice:

• Does not contain an added fragrance

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