



**BREAK UP II**

| HMIS                          |   | NFPA | Personal protective equipment |
|-------------------------------|---|------|-------------------------------|
| Health                        | 2 | 2    |                               |
| Flammability                  | 0 | 0    |                               |
| Physical Hazard / Instability | 0 | 0    |                               |

Version Number: 1

Preparation date: 2013-01-25

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** BREAK UP II

**MSDS #:** MS0300812

**Product Code:** 5499058, 5902193

**Recommended use:**

- Cleaning product
- This product is intended to be diluted prior to use

**Manufacturer, importer, supplier:**

|  |   |
|--|---|
| US Headquarters<br>Diversey, Inc.<br>8310 16th St.<br>Sturtevant, Wisconsin 53177-1964<br>Phone: 1-888-352-2249<br>MSDS Internet Address: www.diversey.com | Canadian Headquarters<br>Diversey, Inc. - Canada<br>2401 Bristol Circle<br>Oakville, Ontario L6H 6P1<br>Phone: 1-800-668-3131 |
|--|---|

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

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**  
 WARNING. CAUSES EYE IRRITATION. MAY BE MILDLY IRRITATING TO SKIN.

**Principal routes of exposure:** Eye contact. Skin contact. Inhalation.

**Eye contact:** Severe eye irritation.

**Skin contact:** May be mildly irritating to skin.

**Inhalation:** May be irritating to nose, throat, and respiratory tract.

**Ingestion:** May cause irritation to mouth, throat and stomach .

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient(s)               | CAS #      | Weight % | LD50 Oral - Rat (mg/kg) | LD50 Dermal - Rabbit | LC50 Inhalation - Rat |
|-----------------------------|------------|----------|-------------------------|----------------------|-----------------------|
| Lauryl dimethyl amine oxide | 1643-20-5  | 1 - 5%   | 2700                    | Not available        | Not available         |
| Alcohol ethoxylates         | 68439-46-3 | 1 - 5%   | 1400                    | >2 g/kg              | Not available         |

**4. FIRST AID MEASURES**

**Eye contact:** Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

**Skin contact:** Flush immediately with plenty of water. If irritation develops, get medical attention.

**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention.

**Ingestion:** Give a cupful of water or milk . THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**Aggravated Medical Conditions:** None known

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.  
**Specific hazards:** Not applicable  
**Unusual hazards:** None known  
**Specific methods:** No special methods required

**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:** Use personal protective equipment  
**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. 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. Do not taste or swallow. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:**

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

No special ventilation requirements General room ventilation is adequate

**Personal Protective Equipment**

**Eye protection:** Chemical-splash goggles.  
**Hand protection:** Chemical-resistant gloves  
**Skin and body protection:** No special protective clothing is required.  
**Respiratory protection:** No special protective clothing is required.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |   |
|---|---|
| <b>Physical State:</b> Liquid   | <b>Bulk density:</b> No information available             |
| <b>Appearance:</b> Liquid   | <b>Evaporation Rate:</b> No information available         |
| <b>Specific gravity:</b> 1.026  | <b>Color:</b> Clear Yellow                                |
| <b>Vapor density:</b> No information available                                  | <b>Odor:</b> Solvent                                      |
| <b>Boiling point/range:</b> Not determined                                      | <b>Melting point/range:</b> Not determined                |
| <b>Decomposition temperature:</b> Not determined                                | <b>Autoignition temperature:</b> No information available |
| <b>Solubility:</b> Completely Soluble   | <b>Density:</b> 8.59 lbs/gal 1.03                         |
| <b>Solubility in other solvents:</b> No information available                   | <b>Flash point:</b> > 200 °F > 93.4 °C                    |
| <b>Partition coefficient (n-octanol/water):</b> No information available        | <b>Viscosity:</b> No information available                |
| <b>Elemental Phosphorus:</b> 0 % by wt.   | <b>VOC:</b> <0.1 % *                                      |
| <b>pH:</b> 12.64  | <b>Dilution pH:</b> 11.36 @ 1:16                          |
| <b>Explosion limits: - upper:</b> Not determined - <b>lower:</b> Not determined |   |

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

## 10. STABILITY AND REACTIVITY

**Stability:** The product is stable  
**Polymerization:** Hazardous polymerization does not occur  
**Hazardous decomposition products:** None reasonably foreseeable.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg.

**Component Information:** See Section 3

**Chronic toxicity:** None known

**Specific effects**

**Carcinogenic effects:** None known

**Mutagenic effects:** None known

**Reproductive toxicity:** None known

**Target organ effects:** None known

**12. ECOLOGICAL INFORMATION**

**Environmental Information:** No data available

**13. DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products:**

This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**RCRA Hazard Class:** D002 Corrosive Waste

**14. TRANSPORT INFORMATION**

**DOT/TDG/IMDG:** Please refer to the Diversey HazMat Library, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

**DOT Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

**IMDG Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

**15. REGULATORY INFORMATION**

**International Inventories at CAS# Level**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDL).

**U.S. Regulations**

**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65

**RIGHT TO KNOW (RTK)**

| Ingredient(s)               | CAS #      | MARTK: | NJRTK: | PARTK: | RIRTK: |
|-----------------------------|------------|--------|--------|--------|--------|
| Lauryl dimethyl amine oxide | 1643-20-5  | -      | -      | -      | -      |
| Cocamidopropyl betaine      | 61789-40-0 | -      | -      | -      | -      |
| Tetrasodium salt of EDTA    | 64-02-8    | -      | -      | -      | -      |
| Alcohol ethoxylates         | 68439-46-3 | -      | -      | -      | -      |
| Water                       | 7732-18-5  | -      | -      | -      | -      |

**CERCLA/ SARA**

**SARA 311/312 Hazard Categories**

**Immediate:** X

**Delayed:** -

**Fire:** -

**Reactivity:** -

**Sudden Release of Pressure:** -

**Canada**

**WHMIS hazard class:** D2B Toxic materials



## 16. OTHER INFORMATION

|                             |  |
|-----------------------------|--|
| <b>Reason for revision:</b> | Not applicable   |
| <b>Prepared by:</b>         | NAPRAC   |
| <b>Additional advice:</b>   | <ul style="list-style-type: none"><li>• Does not contain an added fragrance</li><li>• This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations</li></ul> |

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