



## ENHANCE EXTRA SOLVENT ENHANCED DETERGENT (CLAX)

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

Version Number: 0

Preparation date: 2012-12-12

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** ENHANCE EXTRA SOLVENT ENHANCED DETERGENT (CLAX)

**MSDS #:** MS0301028

**Product Code:** 3419026, 3419034, 3419042, 3419018, 5920931

**Recommended use:** • Laundry care

**Manufacturer, importer, supplier:**

US Headquarters  
Diversey, Inc.  
8310 16th St.  
Sturtevant, Wisconsin 53177-1964  
Phone: 1-888-352-2249  
MSDS Internet Address: [www.diversey.com](http://www.diversey.com)

Canadian Headquarters  
Diversey, Inc. - Canada  
2401 Bristol Circle  
Oakville, Ontario L6H 6P1  
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 AND SKIN IRRITATION.

**Principal routes of exposure:**

Eye contact. Skin contact. Inhalation. Ingestion.

**Eye contact:**

Severe eye irritation.

**Skin contact:**

Moderately irritating to the skin.

**Inhalation:**

May be irritating to nose, throat, and respiratory tract.

**Ingestion:**

May cause irritation to mouth, throat and stomach. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
2-butoxyethanol	111-76-2	1 - 5%	1400	220 mg/kg	2.21 mg/L (4 h) 450 ppm (4 h)
Sodium dodecylbenzene sulfonate	25155-30-0	1 - 5%	438	Not available	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 persists, 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:**

Persons with pre-existing skin disorders may be more susceptible to irritating effects

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

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

**Specific hazards:**

None known.

**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:** None.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Put on appropriate personal protective equipment (see Section 8.).  
**Environmental precautions and clean-up methods:** Sweep up and shovel into suitable containers for disposal.

## 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

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
2-butoxyethanol	111-76-2	20 ppm (TWA)	Skin 50 ppm (TWA) 240 mg/m <sup>3</sup> (TWA)	75 ppm (STEL) 360 mg/m <sup>3</sup> (STEL) 26 ppm (TWA) 120 mg/m <sup>3</sup> (TWA)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Appearance:** Liquid

**Specific gravity:** 1.03

**Vapor density:** No information available

**Boiling point/range:** Not determined

**Decomposition temperature:** Not determined

**Solubility:** Completely Soluble

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

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

**Elemental Phosphorus:** 0 % by wt.

**pH:** 7.0

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

**Bulk density:** No information available

**Evaporation Rate:** No information available

**Color:** Clear Blue

**Odor:** No Odor/Odorless

**Melting point/range:** Not determined

**Autoignition temperature:** No information available

**Density:** 8.59 lbs/gal 1.03 Kg/L

**Flash point:** > 200 °F > 93.4 °C

**Viscosity:** No information available

**VOC:** 6 % \*

**Dilution pH:** 7.5 @ 1:167

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

## 10. STABILITY AND REACTIVITY

**Stability:**

**Polymerization:** Stable at normal conditions

**Hazardous decomposition products:** None under normal processing.

**Materials to avoid:** None reasonably foreseeable.

**Conditions to avoid:** None known.  
Do not freeze.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Oral LD50 estimated to be greater than 5000 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:**

Dispose of according to all federal, state and local applicable regulations.

## 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 (Ground) Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

**IMDG (Ocean) 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/NDSL).

**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:
2-butoxyethanol	111-76-2	X	X	X	-
Sodium dodecylbenzene sulfonate	25155-30-0	X	X	X	X
Alcohol ethoxylate	68002-97-1	-	-	-	-
Water	7732-18-5	-	-	-	-

**CERCLA/ SARA**

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
2-butoxyethanol	111-76-2	1 - 5%			X
Sodium dodecylbenzene sulfonate	25155-30-0	1 - 5%	1000		

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
2-butoxyethanol	X		

**SARA 311/312 Hazard Categories**

**Immediate:** x

**Delayed:** -

**Fire:** -

**Reactivity:** -

**Sudden Release of Pressure:** -

**Canada**

**WHMIS hazard class:** D2B Toxic materials



## 16. OTHER INFORMATION

**Reason for revision:** Not applicable  
**Prepared by:** NAPRAC

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