



**CLAX MASTER 100 Solvent Enhanced Detergent**

<b>HMIS</b>		<b>NFPA</b>	
<b>Health</b>	2	3	
<b>Flammability</b>	0	0	
<b>Physical Hazard / Instability</b>	0	0	

Version Number: 3

Preparation date: 2014-02-26

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** CLAX MASTER 100 Solvent Enhanced Detergent

**MSDS #:** MS0301207  
**Product Code:** 5751559, 5726898, 5751508, 5751532  
**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  
 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.  
**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.

**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	≈450 ppm (4 h)
Sodium dodecylbenzene sulfonate	25155-30-0	1 - 5%	438	Not available	Not available
Disodium 2,2'-([1,1'-biphenyl]-4,4'-diyldivinylene)bis(benzenesulphonate)	27344-41-8	0.1 - 1.5%	2000	Not available	≈3.6 mg/L (4 h)

**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.  
**Extinguishing media which must not be used for safety reasons:** None.  
**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.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Put on appropriate personal protective equipment (see Section 8.).  
**Environmental precautions and clean-up methods:** 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.

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:** 1.006  
**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  
**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:** 8.39 lbs/gal 1.006 Kg/L  
**Flash point:** > 200 °F > 93.3 °C  
**Viscosity:** No information available  
**VOC:** 4 % \*  
**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:** Stable at normal conditions  
**Polymerization:** None under normal processing.  
**Hazardous decomposition products:** None reasonably foreseeable.  
**Materials to avoid:** None known.  
**Conditions to avoid:** Do not freeze.

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

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** Please refer to the Diversey HazMat Library, only available through Internet Explorer, <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:** UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (alcohol ethoxylate), 9, III, Marine Pollutant

## 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:
Water	7732-18-5	-	-	-	-
Alcohol ethoxylate	68002-97-1	-	-	-	-
2-butoxyethanol	111-76-2	X	X	X	-
Sodium dodecylbenzene sulfonate	25155-30-0	X	X	X	X
Disodium 2,2'-([1,1'-biphenyl]-4,4'-diyldivinylene)bis(benzenesulphonate)	27344-41-8	-	-	-	-

**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.



Ingredient(s)	CAS #	NPRI
2-butoxyethanol	111-76-2	X

## 16. OTHER INFORMATION

**Reason for revision:**

Not applicable

**Prepared by:**

NAPRAC

**Additional advice:**

- Does not contain an added fragrance
- 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

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