



CLAX PRECISION LAUNDRY PREMIUM

HMIS	NFPA	Personal protective equipment
Health	2	None / Aucune / Ninguno
Flammability	0	
Physical Hazard / Instability	0	

Version Number: 0

Preparation date: 2012-12-12

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: CLAX PRECISION LAUNDRY PREMIUM

MSDS #: MS0301032

Product Code: 5372903, 5271432

Recommended use:

- Laundry care
- This product is intended to be diluted prior to use

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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. CAUSES EYE IRRITATION. MAY BE MILDLY IRRITATING TO SKIN. MAY BE HARMFUL IF SWALLOWED .

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

Eye contact: Moderately irritating to the eyes.

Skin contact: May be mildly irritating to skin.

Inhalation: None known.

Ingestion: May be irritating 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
Triethanolamine	102-71-6	1 - 5%	4190	>2000 mg/kg	Not available
Sodium tetraborate	1303-96-4	1 - 5%	2660	>2000 mg/kg	Not available
Monoethanolamine	141-43-5	1 - 5%	1720	1 mL/kg 1025 mg/kg	Not available
Disodium 2,2'-([1,1'-biphenyl]-4,4'-diyldivinylene)bis(benzenesulphonate)	27344-41-8	0.1 - 1.5%	2000	2500 mg/kg	3.6 mg/L (4 h)
Propylene glycol	57-55-6	1 - 5%	10400	20800 mg/kg	Not available
Ethyl alcohol	64-17-5	1 - 5%	7060	Not available	124.7 mg/L (4 h)
Linear alkyl benzene sulfonates	68081-81-2	5 - 10%	438	Not available	Not available
Ethoxylated alcohols	68551-12-2	5 - 10%	2140	Not available	Not available
Sodium lauryl ether sulfate	9004-82-4	5 - 10%	1600	Not available	Not available

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. If irritation persists, get medical attention.

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

Inhalation: No specific first aid measures are required.
Ingestion: If swallowed, 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: Not relevant for the product itself.
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. Wash thoroughly after handling. Do not taste or swallow. 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: No special requirements under normal use conditions.
Hand protection: No special requirements under normal use conditions
Skin and body protection: No special requirements under normal use conditions.
Respiratory protection: No special requirements under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Triethanolamine	102-71-6	5 mg/m ³ (TWA)		
Sodium tetraborate	1303-96-4	6 mg/m ³ (STEL) 2 mg/m ³ (TWA)		5 mg/m ³ (TWA)
Monoethanolamine	141-43-5	6 ppm (STEL) 3 ppm (TWA)	3 ppm (TWA) 6 mg/m ³ (TWA)	6 ppm (STEL) 15 mg/m ³ (STEL) 3 ppm (TWA) 8 mg/m ³ (TWA)
Ethyl alcohol	64-17-5	1000 ppm (STEL)	1000 ppm (TWA) 1900 mg/m ³ (TWA)	1000 ppm (TWA) 1900 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: Liquid
Specific gravity: 1.075
Vapor density: No information available
Boiling point/range: Not determined
Decomposition temperature: Not determined
Solubility: Completely Soluble

Bulk density: No information available
Evaporation Rate: No information available
Color: Hazy Red Pink
Odor: Floral Fruity
Melting point/range: Not determined
Autoignition temperature: No information available
Density: 8.97 lbs/gal 1.075 Kg/L

Solubility in other solvents: No information available
Partition coefficient (n-octanol/water): No information available
Elemental Phosphorus: 0 % by wt.
pH: 9.98
Explosion limits: - upper: Not determined - **lower:** Not determined

Flash point: > 200 °F > 93.4 °C
Viscosity: No information available
VOC: 3.63 % *
Dilution pH: 8.75 @ 1:100

* - 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 between 4000 - 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

Ingredient(s)	CAS #	NTP	IARC	OSHA
Ethyl alcohol	64-17-5		-	

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.diverse.com/dot/>, for up to date shipping information.

DOT Bill of Lading Description: LTD. QTY.

IMDG Bill of Lading Description: UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (alkylbenzenesulphonates, branched/straight chain), 9, III, LTD. QTY., 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).

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:
Triethanolamine	102-71-6	X	X	X	-
Sodium tetraborate	1303-96-4	X	X	X	-
Monoethanolamine	141-43-5	X	X	X	-

Disodium 2,2'-([1,1'-biphenyl]-4,4'-diyldiviny- lene)bis(benzenesulphonate)	27344-41-8	-	-	-	-
Propylene glycol	57-55-6	-	X	X	-
Sodium citrate	6132-04-3	-	-	-	-
Ethyl alcohol	64-17-5	X	X	X	-
Linear alkyl benzene sulfonates	68081-81-2	-	-	-	-
Ethoxylated alcohols	68551-12-2	-	-	-	-
Water	7732-18-5	-	-	-	-
Sodium lauryl ether sulfate	9004-82-4	-	-	-	-

CERCLA/ SARA

None

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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