




COLOR SAFE BLEACH

HMIS		NFPA	Personal protective equipment
Health	2	2	
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 4

Preparation date: 2011-07-01

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: COLOR SAFE BLEACH

MSDS #: MS0500073

Product Code: 2979697

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, Inc.
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. HARMFUL IF SWALLOWED. OXIDIZER. CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE.

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Sodium perborate	10332-33-9	10 - 20%	780	Not available	Not available
Sodium silicate	1344-09-8	5 - 10%	1153	>4640 mg/kg	Not available
Sodium carbonate	497-19-8	30 - 40%	4090	Not available	Not available
Sodium nitrilotriacetate	18662-53-8	5 - 10%	1100	Not available	Not available
Dodecylbenzene sulfonic acid	27176-87-0	5 - 10%	500	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:	Oxidizer.
Unusual hazards:	None known.
Specific methods:	None known.
Autoignition temperature:	No information available.

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:	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

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. **OXIDIZER . CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE . 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

Physical State: Solid	Bulk density: No information available
Appearance: Solid	Evaporation Rate No information available
Specific gravity: 0.43	Color: Opaque White
Vapor density: No information available	Odor: Characteristic
Boiling point/range: Not determined	Melting point/range: Not determined
Decomposition temperature: Not determined	Autoignition temperature: No information available
Solubility: No information available	Density: No information available.
Solubility in other solvents: No information available	Flash point:
Partition coefficient (n-octanol/water): No information available	Viscosity: No information available
Elemental Phosphorus: 0.00 % by wt.	VOC: 0 % *
pH: NA	Dilution pH: 10.6 @ 1:1280
Explosion limits: - upper: Not determined - lower: 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:	Stable
Polymerization:	None under normal processing.

Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Acids. Metals. anhydrides .
Conditions to avoid: Stable at normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50 estimated to be between 1000 - 2000 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
Sodium nitrilotriacetate	18662-53-8		2B	X

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 Bill of Lading Description: CLEANING, SCOURING, OR WASHING COMPOUNDS, OTHER THAN LIQUID

IMDG Bill of Lading Description: Same as DOT above.

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:
Sodium perborate	10332-33-9	-	-	-	-
Sodium carbonate	497-19-8	-	-	-	-
Sodium chloride	7647-14-5	-	-	-	-
Sodium sulfate	7757-82-6	X	-	X	-
Sodium silicate	1344-09-8	-	-	-	-
Sodium nitrilotriacetate	18662-53-8	X	-	-	-
Dodecylbenzene sulfonic acid	27176-87-0	X	X	X	-

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Dodecylbenzene sulfonic acid	27176-87-0	5 - 10%	1000		

SARA 311/312 Hazard Categories

Immediate: X

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Delayed: -
Fire: -
Reactivity: -
Sudden Release of Pressure: -

Canada

WHMIS hazard class: D2B Toxic materials, C Oxidizing materials .



16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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