



PRODUCT SAFETY DATA SHEET

Print date: 07/19/2005

1. PRODUCT AND COMPANY IDENTIFICATION

Item Number / Product code: 382074

Product name: ULTRA VIVID® COLOR SAFE BLEACH (LIQUID) BY YES

Validation / Revision Date: 07/18/2005

Formula Number: 893-033 (Item Code 382074)

UPC Number and Size: 62338-00287 (50 oz.); 62338-00288 (100 oz.)

Product Description: Non-Chlorine liquid laundry bleach with Color Care®.

Manufacturer: Reckitt Benckiser North America, Inc.
Morris Corporate Center IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, New Jersey 07054-0225

Emergency telephone number: 1-800-228-4722 (U.S.)

Transportation Emergencies: 1-800-424-9300 (U.S. & Canada) CHEMTREC
Outside the U.S. and Canada (North America), call: 703-527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

Components:
HYDROGEN PEROXID 50% TECH
7722-84-1
ALCOHOL ETHOXYLATE 7EO
68551-12-2
ALKYLBENZENESULFONIC ACID
68584-22-5

Wt %	ACGIH:	OSHA:
< 5.0	TWA (TLV): 1 ppm @10	TWA (PEL): 1 ppm @10 TWA (PEL): 1.4 mg/m ³ @10
< 5	None	None
<5	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION: EYE IRRITANT.

Avoid contact with eyes.

KEEP OUT OF REACH OF CHILDREN

4. FIRST AID MEASURES

Inhalation:	Move to fresh air.
Skin contact:	Wash thoroughly with plenty of water. If irritation persists, get medical attention.
Eye contact:	In case of eye contact, hold eyes open and IMMEDIATELY rinse eyes thoroughly with plenty of water. Remove any contact lenses and continue rinsing for at least 15 minutes. If irritation persists, consult a physician.
Ingestion:	Rinse mouth with water. Contact a physician or Poison Control Center if symptoms develop. Never give an unconscious person anything to ingest
Notes to physician:	No information available.
Aggravated Medical Conditions:	No information available.

5. FIRE-FIGHTING MEASURES

Flash point:	> 200 (°F)
Flammability Limits in Air:	
Lower:	No information available.
Upper:	No information available.
Autoignition temperature:	No information available.
Suitable extinguishing media:	Water spray. Foam. Dry chemical. Carbon dioxide (CO ₂). As suitable for surrounding fire.
Extinguishing media which must not be used for safety reasons:	No information available.
Specific hazards:	Contains dilute hydrogen peroxide, an oxidizer.
Unusual hazards:	None known.
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.
Specific methods:	Standard procedure for chemical fires.

NFPA: Health: 2 **Flammability:** 0 **Instability:** 0

HMS: Health: 2 **Flammability:** 0 **Reactivity:** 0

Key: Personal Protection Index = A. (Also see Section 3)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Ensure adequate ventilation.
Environmental precautions:	Do not allow material to contaminate ground water system.
Methods for cleaning up:	Small spills: Soak up with absorbent material and dispose of in an appropriate waste container. Rinse spills on walking surfaces with water and dry thoroughly to eliminate slipping hazard. Large spills should be diked, contained and collected for later disposal according to local, provincial, state or federal regulations.

7. HANDLING AND STORAGE

Handling:	CAUTION: EYE IRRITANT.
Safe handling advice:	Avoid contact with the eyes.
Storage:	Do not expose to heat or store at temperatures above 50° C (120° F). Store containers in an upright position in a cool, dry area, inaccessible to small children and pets. KEEP OUT OF REACH OF CHILDREN

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:	For occupational exposures, ensure adequate ventilation.
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Personal Protective Equipment

Respiratory protection:	None required under normal use conditions.
Hand protection:	None required under normal use conditions. For sensitive skin or prolonged use, wear rubber gloves. Emergency responders should wear impermeable gloves.
Skin and body protection:	Usual safety precautions while handling the product will provide adequate protection against this potential effect.
Eye protection:	Eye irritant, wear eye protection if the possibility of splashing exists. Emergency responders should wear full eye and face protection.
Hygiene measures:	Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid.
Appearance:	Liquid.
Colour:	Amber
Odour:	Fruity.
pH:	4.0 (Acidic)
Flash point:	Greater than 93° C (>200° F)
Specific gravity:	1.0179 - 1.0279 (Water = 1)

Vapour pressure: Not determined.
Solubility: Completely soluble.

Explosion limits:

- upper: No data available.
- lower: No data available.

10. STABILITY AND REACTIVITY

Stability: Do not expose to heat or store at temperatures above 50° C (120° F).
Polymerization: Hazardous polymerisation does not occur.
Hazardous decomposition products: Oxygen
Materials to avoid: Do not mix with other household chemicals.
Conditions to avoid: Store away from excessive heat and moisture.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information

Product Information

LC50/inhalation/4h/rat = No information available.
LD50/dermal/rabbit = No information available.
LD50/oral/rat = No information available.

Local effects

Skin irritation: May be irritating to sensitive skin or in the case of prolonged contact with the liquid. For sensitive skin or prolonged use, wear impervious gloves.
Eye irritation: Eye irritant.
Inhalation None expected during normal conditions of use.
Ingestion Health injuries are not known or expected under normal use.
Sensitization Not expected to be a skin sensitiser.
Chronic toxicity: No information available.

Specific effects

Carcinogenic effects: Not listed as carcinogenic by OSHA, NTP or IARC.
Mutagenic effects: No information available.
Reproductive toxicity: No information available.
Target organ effects: No information available.

Information is based on data on the components and the toxicology of similar products.

12. ECOLOGICAL INFORMATION

Product Information

Aquatic toxicity: No information available.

Component Information

HYDROGEN PEROXID 50% TECH

Ecotoxicity: = 42 mg/L LC50 carp

Other information

Ozone depletion potential; ODP; (R-11 = 1) =
Global warming potential (GWP) =

No information available.
No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Dispose of in accordance with local regulations.

Contaminated packaging:

Empty container can be disposed of as household trash or rinsed and recycled where appropriate.

Waste Disposal:

Small quantities of waste liquid may be discharged into a sanitary sewer. Discard any absorbed material in trash collection. Rinse empty container thoroughly and discard in trash or recycle.
Large quantities of waste liquid: Contain and collect for evaluation and disposal according to local, state, provincial and federal regulations.

14. TRANSPORT INFORMATION

UN / Id No:

Not applicable

DOT:

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Classification:

Not a DOT regulated material. (United States)

Proper shipping name:

Not applicable.

U.S. DOT - Hazard Class:

Not applicable.

Subsidiary risk:

Not applicable.

Packing Group:

Not applicable.

DOT RQ (lbs):

Not applicable

ERG No:

Not applicable.

TDG (Canada):

Classification:

Not regulated under TDG

Proper shipping name:

Not applicable

Status:

Not applicable.

Packing Group:

Not applicable.

IMDG / IMO

Classification:

Not regulated under IMDG

Proper shipping name:

Not applicable

Class:

Not applicable.

Subsidiary Risk:

Not applicable.

Packing group:

Not applicable.

IMDG page:

Not applicable

Marine pollutant:

Not applicable

EMS:

Not applicable.

MFAG:

See Guide.

ADR / RID

Classification:

Not applicable.

Proper shipping name:

Not applicable.

Class:

Not applicable.

Subsidiary risk:

Not applicable.

Packing Group: Not applicable.
ADR/RID-labels: Not applicable
HIN: Not applicable.
CEFIC Tremcard No: Not applicable.

ICAO / IATA:

Classification: Not regulated under ICAO / IATA
Proper shipping name: Not applicable.
Class: Not applicable.
Subsidiary Risk: Not applicable
Packing Group: Not applicable.
Maximum quantity Not applicable

15. REGULATORY INFORMATION

Components:	PICCS:	TSCA:	DSL:	NDSL:	ENCS:	CHINA:	AICS:	EINECS-No
HYDROGEN PEROXID 50% TECH	*REQUIRED BUT MISSING*				1-419	Present	Present	231-765-0
ALCOHOL ETHOXYLATE 7EO	*REQUIRED BUT MISSING*					Present	Present	
ALKYL BENZENESULFONIC ACID	*REQUIRED BUT MISSING*					Present	Present	271-528-9

Canada

WHMIS hazard class: Not determined.

16. OTHER INFORMATION

National Fire Protection Association (U.S.A.):



HMIS (U.S.A.):

Health Hazard	2
Fire Hazard	0
Reactivity	0
Personal Protection	A

Reason for revision: This is a new formulation of an existing product.

Additional advice: Consult your supplier if the material is to be used for special applications such as in the food industry or for hygiene, medical or surgical end-use.

Prepared by: Product Safety Department.

Disclaimer: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.