# **MATERIAL SAFETY DATA SHEET**





## **Enhance Extra**

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

Version Number: 3 Preparation date: 2005-05-19

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Enhance Extra

MSDS #: 224600615001

**Product code:** 224600615001, 3419018, 3419026, 3419034, 3419042, 3654579, 3654587

Recommended use: Laundry care.

Manufacturer, importer, supplier:

US Headquarters

JohnsonDiversey, Inc.

8310 16th St.

Canadian Headquarters

JohnsonDiversey - Canada, Inc.

2401 Bristol Circle

MSDS Internet Address: www.johnsondiversey.com

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

## 2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING. CONCENTRATE. CAUSES EYE IRRITATION. CAUSES SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED

**Principle routes of exposure:** Eyes. Skin. Ingestion.

**Skin contact:** Moderately irritating to the skin.

**Eye contact:** Severe eye irritation.

**Inhalation:** May be irritating to nose, throat, and respiratory tract.

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### **HAZARDOUS COMPONENTS**

Ingredient	CAS#	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation	
2-Butoxyethanol	111-76-2	5 - 10%	470 mg/kg (rat)	220 mg/kg (rabbit)	450 ppm (rat)	
Sodium dodecylbenzene sulfonate	25155-30-0	1 - 5%	438 mg/kg (rat)	Not available	Not available	

### 4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation

persists, get medical attention.

Skin contact: Flush immediately with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention.

Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person.

Get medical attention.

Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptable to irritating effects.

## **5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media: The product is not flammable. Use dry chemical, CO2, water spray or "alcohol" foam.

Specific hazards: None known. Unusual hazards: None known.

**Specific methods:**No special methods required **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

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# **6. ACCIDENTAL RELEASE MEASURES**

Personal precautions:

Use personal protective equipment

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

and clean-up methods: water rinse for final clean-up.

## 7. HANDLING AND STORAGE

### Handling:

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing and footwear before re-use. 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 the reach of children.

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering measures to reduce exposure:

No special ventilation requirements.

#### **Personal Protective Equipment**

Eye protection: Safety glasses with side-shields.

Hand protection: Rubber gloves recommended for prolonged or repeated skin contact.

Skin and body protection:
Respiratory protection:
No special requirements under normal use conditions.
No special requirements under normal use conditions.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Ingredient	CAS#	ACGIH	OSHA	Mexico
2-Butoxyethanol	111-76-2	20 ppm (TWA)	240 mg/m <sup>3</sup> 50 ppm	360 mg/m <sup>3</sup> (STEL)
			Can be absorbed through the	120 mg/m <sup>3</sup> (TWA)
			skin.	

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:LiquidAppearance:LiquidColor:Clear BlueBoiling point/range:Not determinedOdor:OdorlessMelting point/range:Not determined

 Specific gravity:
 1.003
 pH:
 7.0

 Dilution pH:
 7.4 (1%)
 Density:
 1.003

 Bulk density:
 No information available
 Decomposition temperature:
 Not determined

 Vapor density:
 No information available
 Autoignition temperature:
 No information available

 Evaporation rate:
 No information available
 Solubility:
 Solubile

Evaporation rate:No information availableSolubility:SoSolubility in otherNo information availableVOC:6

solvents:

Viscosity: No information available Flash point: >200 (°F) >93.3 (°C)

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

### 10. STABILITY AND REACTIVITY

Stability: The product is stable

Polymerization: Hazardous polymerisation does not occur

Hazardous decomposition products: None reasonably foreseeable

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

# 11. TOXICOLOGICAL INFORMATION

Acute toxicity Dermal, LD50 estimated to be > 2000 mg/kg.
Component Information: See Section 3

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

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### 12. ECOLOGICAL INFORMATION

**Environmental Information:** 

When used for its intended purpose this product should not cause adverse effects in the environment

### 13. DISPOSAL CONSIDERATIONS

### Waste from residues / unused products:

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

### 14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

### 15. REGULATORY INFORMATION

### **International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Australia (AICS), Korea (ECL), Philippines (PICCS), China (IECSC).

#### **U.S. Regulations**

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

### STATE RIGHT TO KNOW

Ingredient	CAS#	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Water	7732-18-5	-	-	-	-	-	-
Alcohol ethoxylate	68002-97-1	-	-	-	-	-	-
2-Butoxyethanol	111-76-2	Listed	Listed	Listed	Listed	Listed	-
Sodium dodecylbenzene sulfonate	25155-30-0	Listed	Listed	Listed	-	Listed	Listed

### **CERCLA / SARA**

Ingredient	CAS#	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
2-Butoxyethanol	111-76-2	5 - 10%			Listed.
Sodium dodecylbenzene sulfonate	25155-30-0	1 - 5%	1000		

### Canada

WHMIS hazard class: D2B Toxic materials .



Ingredient	CAS#	NPRI
2-Butoxyethanol	111-76-2	Listed

# **16. OTHER INFORMATION**

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

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