

MATERIAL SAFETY DATA SHEET

Name: **Zaal 2X Ultra Liquid Laundry Detergent, Fresh Scent** 4.41 L - UPC: 25013 20301

SECTION 1 PRODUCT IDENTIFICATION AND USE

Supplier: Gemini Packaging
150 - 12071 Jacobson Way
Richmond, BC
V6W 1L5 Canada

Manufacturer: Gemini Packaging Ltd

Product use: Fabric Treatment

SECTION 2 HAZARDOUS INGREDIENTS

Name:	%	CAS #	LD50	LC50
Dodecylbenzensulfonic acid	15.0 - 25.0	27176-87-0	650 mg/kg (oral, rat)	N/A
Ethanol	1.0 - 5.0	64-17-5	7060 mg/kg (oral, rat)	N/A
Sodium laureth sulfate	10.0 - 20.0	68585-34-2	1700 mg/kg (oral, rat)	N/A
Ethoxylated nonyl phenol	5.0 - 10.0	9016-45-9	2590 mg/kg (oral, rat)	N/A
Sodium hydroxide	1.0 - 5.0	1310-73-2	40 mg/kg (IP, mouse)	N/A
Sodium borate decahydrate	0.5 - 1.5	1303-96-4	2660 mg/kg (oral, rat)	N/A
Ethylene glycol	1.0 - 5.0	107-21-1	600 mg/kg (oral, rat)	N/A

SECTION 3 PHYSICAL DATA

Physical State..... Liquid

Odor & Appearance..... Fresh / Blue

Boiling Point..... 110 C

Specific Gravity..... 1.065

pH..... 7.5 - 9.5

SECTION 4 FIRE & EXPLOSION DATA

Flammability..... N/A

Flash Point..... N/A

Extinguishing Agents..... N/A

SECTION 5 REACTIVITY DATA

Chemical Stability..... Stable

Reactivity..... N/A

Hazardous decomposition products..... N/A

SECTION 6 TOXICOLOGICAL PROPERTIES

Effects of Exposure:

Skin Contact.....	N/A
Eye Contact.....	May cause irritation
Ingestion.....	Possible nausea
Inhalation.....	N/A

SECTION 7 PREVENTATIVE MEASURES

Personal.....	Rubber gloves
Engineering controls.....	Use in vented areas
Leak & Spill procedure.....	Pick up spill with absorbent, flush with water
Waste Disposal.....	Dispose of in approved manner
Handling Procedures.....	None
Storage requirements.....	Do not freeze
Shipping information.....	TDG Rules and Regulations

SECTION 8 FIRST AID

In case of overexposure with:

Skin.....	Rinse well
Eyes.....	Rinse well with water; if irritation persists, see doctor
Ingestion.....	Induce vomiting; administer water; see doctor
Inhalation.....	Fresh air required

SECTION 9 PREPARATION DATE OF MSDS

Prepared by.....	Gemini Packaging Ltd
Telephone.....	(604) 278-3455
Preparation Date.....	June 30, 2008
Revision: 00, reviewed & issued	March 20, 2009