



MATERIAL SAFETY DATA SHEET

2X Concentrate Liquid Laundry Detergent

Section I - Material Identification and Use			
Product name	2X Concentrate Liquid Laundry detergent – phosphate free		
PIN	N/A		
Product use	Laundry		
Product type	Consumer Commercial & institutional		
Brands	LFT Group Live for Tomorrow		
WHMIS Classification	N/A		
Contact Name	LFT Group Brands Ltd.		
Address	344 – 255 Newport Drive, Port Moody, BC, V3H 5H1, Canada		
Telephone	+1-604-629-5869 Mon – Fri : 9.00am – 4.00pm PST		
24hr emergency	+1-778-688-2404		
Fax	+1-604-608-5424		
E-mail	mail@lft-group.com		
Website	www.lft-group.com		
Section II - Product Ingredients			
Ingredient Name	CAS Number	Exposure Limits	Toxicity Data LD₅₀ (oral, rat)
De-ionised water	7732-18-5	N/A	N/A
Xanthum Gum	11138-66-2	N/A	N/A
Cocamidopropyl Betaine	86438-79-1	N/A	N/A
Alkyl Polyglucoside	110615-47-9	N/A	N/A
Sodium Carbonate	7542-12-3	N/A	N/A
Borax 5 mol	1330-43-4	N/A	N/A
Potassium Sorbate	24634-61-5	N/A	N/A
All active ingredients in this product are derived from readily biodegradable, renewable, sustainable, botanical, resources or naturally occurring minerals. This product is EcoLogo certified by Environment Canada's Environmental Choice Program CCD-105 Laundry			



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Detergent/ Fabric Softener. This product is also Vegan certified and Leaping Bunny certified (no animal testing).

Section III – Health Hazard Data

Emergency overview	No known health hazards
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Potential Health Effects:

Eyes	Irritant
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Skin	None
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Inhalation	None
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Ingestion	Nausea
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Section IV – First Aid Measures

In case of over-exposure by:

Eyes	Flush with water for 15 minutes. See a doctor if irritation persists
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Skin	Flush well with water
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Inhalation	N/A
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Ingestion	Make victim vomit. Seek medical attention
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Section V – Fire & Explosion Hazard

Flammability	No
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Means of Extinction	Use media appropriate to primary fire cause
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Upper Flammable Limit	N/A
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Lower Flammable Limit	N/A
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Flashpoint	None
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Auto-ignition Temperature	N/A
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Hazardous Combustion Product	None
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Sensitivity to Impact	Stable
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Sensitivity to Static	Stable
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Section VI – Accidental Release Measures

Leak & Spill Procedure

Pick up material with an inert absorbent, and then wash area well with water. Dispose of material in an approved manner. Follow all local, provincial state, and federal laws and regulations.

Section VII – Handling, Disposal & Storage



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Gloves	Neoprene rubber
Eye	Chemical safety goggles
Respiratory	None
Other	Face shield recommended
Engineering Controls	Use in a ventilated area
Waste Disposal	Any disposal practice must be in compliance with local, provincial, state, and federal laws and regulations.
Handling Procedures	None
Storage Requirements	Do not freeze
Shipping Information	Consult Transportation of Dangerous Goods rules and regulations
<u>Section VIII – Physical & Chemical Properties</u>	
Physical State	Liquid
Appearance	Opaque viscous liquid
Odour	Mild detergent fragrance
Odour Threshold	N/A
Specific Gravity	1.050
Boiling Point	100 Deg. C
Freezing Point	0 Deg. C
Solubility In H2O	N/A
pH (Undiluted)	7.0-8.0
Vapour Pressure (mm Hg)	N/A
Vapour Density (Air = 1)	N/A
Evaporation Rate	N/A
Coefficient Water/Oil Dist	N/A
<u>Section IX – Stability & Reactivity</u>	
Chemical Stability	Stable
Incompatible Materials	None
Possibility of Hazardous Reactions	None
Hazardous Decomposition Products	None



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Section X – Stability & Reactivity			
Route(s) of entry:			
<input checked="" type="checkbox"/>	Skin Contact	<input type="checkbox"/>	Skin Absorption
<input checked="" type="checkbox"/>	Inhalation, Acute	<input type="checkbox"/>	Inhalation Chronic
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Eye contact
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Ingestion
Effects of Acute Exposure to Product		Acute exposure may result in eye irritation.	
Effects of Chronic Exposure to Product		N/A	
Chronic Toxicities:			
<input type="checkbox"/>	Chronic Effects	<input type="checkbox"/>	Sensitization
<input type="checkbox"/>	Reproductive Effects	<input type="checkbox"/>	Teratogenicity
<input type="checkbox"/>	Exposure Limits	<input type="checkbox"/>	Synergistic Materials
LD₅₀ of Product		N/A	
Section XI – Ecological Information			
Ecotoxicity: LC₅₀ of Product		N/A	
Environmental Fate		This product is biodegradable	
Septic Safe		This product is safe for use in septic tanks	
Section XI – Ecological Information			
Additional Information:			
The information in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other material or any process.			
Sources Used:		General MSDS chemical references	
Prepared by: LFT Group Brands Ltd		Telephone Number: +1-604-629-5869	Issue date: 1 February 2011
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Legend			
N/A		Not applicable	