

# MATERIAL SAFETY DATA SHEET

Name: **Zaal Clean-O All Purpose Cleaner**

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## SECTION 1 PRODUCT IDENTIFICATION AND USE

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

Manufacturer: Gemini Packaging Ltd

Product use: General Cleaning

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## SECTION 2 HAZARDOUS INGREDIENTS

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Name:	%	CAS #	LD50	LC50
Linear dodecylbenzene sulfonic acid	5 - 10	27176-87-0	650 mg/kg rat oral	N/A
Ethyl alcohol	3 - 5	67-63-0	7060 mg/kg rat oral	N/A
Sodium Tripolyphosphate	1-3	7758-29-4	6.5 g/kg rat oral	N/A

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## SECTION 3 PHYSICAL DATA

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Physical State..... Liquid

Odor & Appearance..... Lemon/Fluorescent yellow

Boiling Point..... 100 C

Specific Gravity..... 1.05

pH..... 10.0 - 11.5

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## SECTION 4 FIRE & EXPLOSION DATA

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Flammability..... N/A

Flash Point..... N/A

Extinguishing Agents..... N/A

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## SECTION 5 REACTIVITY DATA

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Chemical Stability..... Stable

Reactivity..... N/A

Hazardous decomposition products..... N/A

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SECTION 6 TOXICOLOGICAL PROPERTIES

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Effects of Exposure:

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

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SECTION 7 PREVENTATIVE MEASURES

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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

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SECTION 8 FIRST AID

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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

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SECTION 9 PREPARATION DATE OF MSDS

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Prepared by.....	Gemini Packaging Ltd
Telephone.....	(604) 278-3455
Preparation Date.....	Dec. 31, 2003
Revision: 1, reviewed & issued	November 18, 2013