


SAFETY DATA SHEET



FIRST CHEMICAL LIMITED

SECTION 1: IDENTIFICATION	
Product Name	BLUE DETERGENT
Product UPC	27909-04151
Product Code:	04151
Manufacturer Address First Chemical Limited 83 Torbarrie Road Toronto, Ontario M3L 1G5	
Emergency Contact Number :	416- 249- 8050 and 416- 678- 3179
Recommended Use:	Industrial/ Institutional Manual Detergent is the perfect solution to use For pots, pans ,dishes, glasses and all washable Utensils.
Restrictions on Use:	Use only as directed on label.

SECTION 2: HAZARD IDENTIFICATION	
Skin Irritation	Category 2
Eye Irritation	Category 2A
Hazard pictogram 	Colour: Blue Physical State: Powder Odour: Lemon
Signal Word: Warning	

Blue Detergent

Precautionary Statements	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.
Precautionary Statement Response:	IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If skin irritation occurs: Get medical advice/attention. If eye irritation occurs: Get medical advice/attention. Take off contaminated clothing and was before refuse
Precautionary Statement Storage:	Keep tightly closed in dry, cool and well-ventilated place.
Precautionary Statements.	None
Hazards not otherwise classified.:	None.

SECTION 3: INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canada Hazardous Products Regulation.

Chemical Name	CAS #	Concentration: %
Sodium carbonate	497-19-8	<8
Sodium sulfate	7757-82-6	<1
Benzene sulfonic acid, Mono-C10-16,sodiumsalt	68584-22-5	<1
Silicic acid, sodium salt	1344-09-8	<5

SECTION 4: FIRST AID MEASURES

In case of eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.
In case of skin contact:	Wash off immediately with plenty of water for at least 15 minutes. Use mild soap if available. Get medical attention if irritation develops and persists
Ingestion	Rinse mouth with water. Drink a cupful of milk or water. Get medical attention if symptoms occur
If inhaled:	Remove person to get fresh air. Get medical attention if symptoms occur.
Most important symptoms/ effects, acute and delayed	
Notes to physician:	Treat symptomatically
Most important symptoms/effects.	No information available.

SECTION 5: FIREFIGHTING MEASURES

Suitable extinguishing media:	Dry chemical, CO ₂ , alcohol-resistant foam or water spray.
Unsuitable extinguishing media:	None known
Specific hazards :	Not applicable.
Special protective equipment for firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH and full protective gear
Sensitive to static discharge	None
Special hazards arising from the chemical	None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas

Methods and materials for containment and cleaning up

Methods and material for containment and cleaning up

Prevent dust cloud. Prevent further leakage or spillage if safe to do so.
Sweep up and shovel into suitable containers for disposal. Dispose of in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

Advice on safe handling

Precautions for safe handling

Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

Conditions for safe storage

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible products

None Know

Storage

Keep tightly closed in dry, cool area.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:			
Ingredients	CAS#	ACGIH	OSHA
Dodecyl benzene Sulfonic Acid	68584-22-5	-	-
Undiluted Product			
Engineering measures:	Use only in well-ventilated areas.		
Personal Protective Equipment			
Eye Protection:	Chemical-splash goggles.		
Hand protection:	Chemical-resistant gloves		
Skin and body protection:	No personal protective equipment required under normal use conditions.		
Respiratory protection:	No personal protective equipment required under normal use conditions.		
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.		

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid
Colour	Powder Blue
Odour	Scented
pH	10-11.5
Flash point	N/A
Odour threshold	No information available
Melting/freezing point	No information available
Initial boiling point/boiling range	No information available
Evaporation rate	No information available
Flammability (solid and gas)	No information available
Upper explosion limit	No information available
Lower explosion limit	N/A
Vapour pressure	N/A
Relative vapour density	N/A
Relative vapour density	270-300 g/L
Water solubility	Soluble in water
Solubility in other solvents	N/A
Partition coefficient: n- octanol/water	N/A

Blue Detergent

Auto-ignition temperature	N/A
Thermal decomposition	N/A
Explosive properties	N/A
Oxidizing properties	N/A
Molecular weight	N/A
VOC	N/A

SECTION 10: STABILITY AND REACTIVITY

Reactivity	None under normal use conditions.
Chemical Stability	Stable under normal. conditions
Possibility of Hazardous Reactions	None under normal processing
Conditions to avoid	None under normal processing.
Incompatible materials	None in particular.
Hazardous Decomposition Products	None under normal use conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

<u>Information on likely routes of exposure</u>				
Inhalation	No known effect.			
Eye contact	Avoid contact with eyes. Causes serious eye irritation.			
Skin contact	Avoid contact with skin. May cause irritation			
Ingestion	No known effect.			
Chemical Name	Cas#	Oral LD50	Dermal LD50	Inhalation LD50
Sodium carbonate	497-19-8	2800 mg/kg bw	>2000 mg/kg bw (US EPA 16 CFR 1500.40)	-
<u>Delayed and immediate effects as well as chlorine effects from the short and long-term exposure</u>				
Reproductive toxicity	No information available			

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	The product is not expected to be hazardous to the environment.
<u>Persistence and degradability</u>	No information available
<u>Bioaccumulation</u>	No information available.
<u>Mobility</u>	No information available.
<u>Other adverse effects</u>	No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

<u>Waste treatment methods</u>	
Disposal of wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations
Contaminated packaging	Do not reuse container. Dispose of in accordance with federal, state and local regulations
California Hazardous Waste Codes	331

SECTION 14: TRANSPORT INFORMATION

<u>DOT</u> : <u>Proper Shipping Name:</u>	Not Regulated No-Hazardous Product
IATA	Not Regulated
<u>IMDG</u> Proper shipping name	Not Regulated Non-Hazardous Product

SECTION 15: REGULATORY INFORMATION

International Inventories at Cas# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA), CANADA (DSL/NDSL)

Legend:

TSCA- United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL- Canadian Domestic Substances List/ Non- Domestic Substances lists

US Federal Regulation

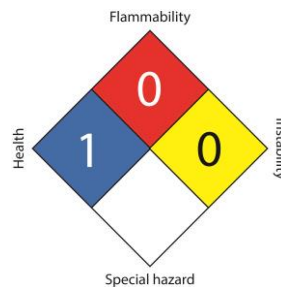
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains no chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

California Proposition 65 This product does not contain any Proposition 65 chemicals

RIGHT TO KNOW (RTK)

Ingredients	CAS#	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Dodecyl benzene sulfonate Sodium	68584-22-5	x	x	x	x
Sodium lauryl ether sulfate	9004-82-4	-	-	-	-
<u>Sara 311/312 Hazard Categories</u>					
Immediate			X		
Delayed			-		
Fire hazard			-		
Sudden release of pressure hazard			-		
Reactive hazard			-		

SECTION 16: OTHER INFORMATION								
NFPA	Health Hazards	1	Flammability	0	Instability	0	Special	N/A
HMIS	Health Hazards	1	Flammability	0	Physical Hazards	0		
Revision Date :					Dec 15 /2017			
Prepared by :					Regulatory Affairs			



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End of Safety Data Sheet