

Catalog Number: 76670 Revision Date: 20-Sep-2011

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY INFORMATION

Catalog Number: 76670

Product Name: 7X® LABORATORY DETERGENT

Synonyms 7X

Supplier: MP Biomedicals, LLC 29525 Fountain Parkway Solon, OH 44139 tel: 440-337-1200

Emergency Telephone Number: CHEMTREC: 1-800-424-9300 (1-703-527-3887)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components WATER Quadrafos Glycol Ether DIOCTYL SULFOSUCCINATE SODIUM SALT **CAS Number** 7732-18-5 68915-31-1 112-34-5 577-11-7 Weight % 80 - 90% 5 - 10% 5 - 10% 1 - 5% ACGIH Exposure Limits: OSHA Exposure Limits: None None None None None None None None None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Irritating to eyes

Category of Danger: Irritant

Principle routes of exposure: Skin Inhalation: May cause irritation of respiratory tract Ingestion: May be harmful if swallowed. Skin contact: May cause allergic skin reaction Eye contact: Moderately irritating to the eyes

ANSI Classification Irritant - eye, mild

Statements of hazard CAUSES EYE IRRITATION.

Statement of Spill or Leak - ANSI Label Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment.

Statement of First Aid If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a physician. In case of contact, immediately flush with plenty of water for at least 15 minutes. Call a physician. In case of contact, flush eyes with running water for at least 15 minutes. Consult a physician for irritation or any other symptom.

Precautions - ANSI Label Do not breathe vapors or spray mist Avoid contact with eyes Do not taste or swallow.

Catalog Number: 76670

4. FIRST AID MEASURES

General advice: In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Inhalation: If breathed in, move to fresh air. Call a physician immediately.

1 0 0

Skin contact: Rinse immediately with plenty of water for at least 15 minutes Call a physician immediately **Ingestion:** • Do not induce vomiting without medical advice.

• Never give anything by mouth to an unconscious person.

Consult a physician

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Rinse immediately with plenty of water, also under the eyelids. Call a physician immediately Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician If symptoms persist, call a physician

Protection of first-aiders: No information available

Medical conditions aggravated by exposure: None known

5. FIRE FIGHTING MEASURES

Suitable extinguishing media Specific hazards: Unusual hazards: Special protective equipment for firefighters:

Specific methods:	
Flash point:	
Ignition temperature:	
NFPA rating:	
NFPA Health:	
NFPA Flammability:	
NFPA Reactivity:	

Use dry chemical, CO2, water spray or `alcohol` foam. Burning produces irritant fumes. None known Wear self contained breathing apparatus for fire fighting if necessary. In the event of fire and/or explosion do not breathe fumes. Water mist may be used to cool closed containers. Not determined Not determined

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Environmental precautions: Methods for cleaning up: Use personal protective equipment. Remove all sources of ignition. Do not flush into surface water or sanitary sewer system. Soak up with inert absorbent material.

7. HANDLING AND STORAGE

ROOM TEMPERATURE.
Use only in area provided with appropriate exhaust ventilation.
Wear personal protective equipment. Remove and wash contaminated clothing before reuse.
Keep containers tightly closed in a cool, well-ventilated place.
Oxidizing and spontaneously flammable products

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure adequate ventilation, especially in confined areas. **PERSONAL PROTECTIVE EQUIPMENT**

Respiratory protection: In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Hand protection: PVC or other plastic material gloves

Skin and body protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work place. Long sleeved clothing

Eye protection: If splashes are likely to occur, wear: Goggles Safety glasses with side-shields

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



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor Physical state: Formula: Melting point/range: Boiling point/range: Density: Vapor pressure: Evaporation rate: Vapor density: Solubility in Water Flash point: Ignition temperature:

Materials to avoid:

Conditions to avoid:

Bluish and Hazy Liquid Not applicable No data available at this time. No data available at this time. No data available No data available No data available Soluble Not determined Not determined

10. STABILITY AND REACTIVITY

Stability: Polymerization: Hazardous decomposition products: Stable under recommended storage conditions. None under normal processing. Hazardous decomposition products formed under fire conditions- Carbon dioxide Strong oxidizing agents Exposure to air or moisture over prolonged periods.

11. TOXICOLOGICAL INFORMATION

Product Information Acute toxicity				
Components	RTECS Number:	LD50	NIOSH - Health Effects	NIOSH - Target Organs
WATER				
Quadrafos	Not Available	Oral LD50 Rat : 3053 mg/kg Oral LD50 Mouse : 7572 mg/kg	3	
Glycol Ether	Not Available	Oral LD50 Rat : 5660 mg/kg Oral LD50 Mouse : 2400 mg/kg Dermal LD50 Rabbit 2700 mg/kg		
Catalog Number: 76670		Product Name: 7X® LABC DET	DRATORY FERGENT	Page 3 of 7

		CAL INFORMATION					
DIOCTYL SULFOSUCCINATE		D50 Rat : 1900					
SODIUM SALT	mg/kg						
	Oral LD50 Mouse :						
	2643 n	ng/kg					
Chronic toxicity:	Chronic exposure may cause nausea and vomiting, higher exposure causes						
	unconsciousness.						
Local effects:	Symptoms of overexpo vomiting.	Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.					
Specific effects:		May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.					
Primary irritation:	No data is available on						
Carcinogenic effects:	No data is available on						
Mutagenic effects:	No data is available on						
Reproductive toxicity:	No data is available on	the product itself.					
	12. ECOLOGIC	AL INFORMATION					
Mobility		No data available					
Mobility: Bioaccumulation:		No data available					
Ecotoxicity effects:		No data available					
Aquatic toxicity:		May cause long-term adverse	e effects in the aquatic				
		environment.					
Components	U.S. DOT - Appendix B -	U.S. DOT - Appendix B -	United Kingdom - The Red				
-	Marine Pollutants	Severe Marine Pollutants	List:				
WATER	Not Listed	Not Listed	Not Listed				
Quadrafos	Not Listed	Not Listed	Not Listed				
	Not Listed	Not Listed	Not Listed				
DIOCTYL SULFOSUCCINATE SODIUM SALT	Not Listed	Not Listed	Not Listed				
Components	Germany VCI (WGK)	World Health Organization	Ecotoxicity - Fish Species				
		(WHO) - Drinking Water	Data				
WATER	Not Listed	Not Listed	Not Listed				
Quadrafos	Not Listed	Not Listed	Not Listed				
Glycol Ether	Not Listed	Not Listed	LC50 (96 hr) bluegill:1300				
			mg/L. Cond:Static, 23 °C.;LC50 (24 hr)				
			goldfish:2700 mg/L.:				
DIOCTYL SULFOSUCCINATE	Not Listed	Not Listed	Not Listed				
SODIUM SALT							
Components	Ecotoxicity - Freshwater	Ecotoxicity - Microtox Data					
WATER	Algae Data	NotListad	Data Not Listed				
Quadrafos	Not Listed Not Listed	Not Listed Not Listed	Not Listed Not Listed				
Glycol Ether	Not Listed	Not Listed	LC50 (24 hr) water flea:2850				
			mg/L.:				
DIOCTYL SULFOSUCCINATE SODIUM SALT	Not Listed Not Listed Not Listed						
Components	EPA - ATSDR Priority List	EPA - HPV Challenge Program Chemical List	California - Priority Toxic Pollutants				
WATER	Not Listed	Not Listed	Not Listed				
Quadrafos	Not Listed Listed Not Listed						
Catalog Number: 76670							
Catalog Number: 76670	Product Name: 7X® LABORATORY Page 4 of 7 DETERGENT Page 4 of 7						

MP Biomedicals, LLC

www.mpbio.com

Components

Glycol Ether DIOCTYL SULFOSUCCINATE SODIUM SALT

Not Listed Not Listed

Not Listed

Not Listed

Not Listed

Not Listed

EPA - ATSDR Priority List

California - Priority Toxic Pollutants

EPA - HPV Challenge **Program Chemical List** Listed. Listed.

Not Listed

Not Listed

Not Listed

Not Listed

California - Priority Toxic Pollutants Not Listed Not Listed

Components

WATER Quadrafos Glycol Ether DIOCTYL SULFOSUCCINATE SODIUM SALT

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Contaminated packaging: Methods for cleaning up:

Waste disposal must be in accordance with appropriate Federal, State, and local regulations. Do not re-use empty containers Soak up with inert absorbent material.

California - Priority Toxic Pollutants

14. TRANSPORT INFORMATION

UN/Id No:	Not regulated
DOT: Formamide/ Formazol	Not Regulated
ΙΑΤΑ:	
TDG (Canada): WHMIS hazard class:	Not determined

IMDG/IMO

IMDG - Hazard Classifications

Not Applicable

IMO-labels:

15. REGULATORY INFORMATION

International Inventories

WATER

Catalog Number: 76670

Inventory - United States TSCA - Sect. 8(b) Present Canada DSL Inventory List - Present Australia (AICS): Present Australia (AICS): Present Australia (AICS): Present Morean (AECL: Present Inventory - Japan: JP Korean (AECL: KE-35400 Philippines PICCS: Present Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - Japan: (7)-97 (2)-422 Korean KECL: KE-10466 Philippines PICCS: Listed Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-10466 Philippines PICCS: Listed Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed US. DOT - Appendix A Table 1 - Keo Table 0 Not Listed Not Listed Not Listed Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Not Listed Not Listed Quadrafos Not Listed Not	15. REGULATORY INFORMATION						
Canada DSL Inventory List - Present Inventory - China: Present Inventory - China: Present EU EINECS List - 231-791-2; H2O Inventory - Japan: JP Korean KECL: KE-35400 Present Inventory - United States TSCA - Sect. 8(b) Canada DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Canada DSL Inventory List - Listed. Inventory - Japan: L	Inventory - United States TS						
Australia (AICS): Present Inventory - China: Present EU EINECS List - 231-791-2; H2O Inventory - Japan: P Korean KECL: KE-35400 Philippines PICCS: Present Inventory - United States TSCA - Sect. 8(b) Listed. Inventory - China: Listed. Inventory - China: Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Glycol Ether Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Glycol Ether Listed. Inventory - Japan: Listed. Inventory - Japan: Listed. Inventory - Japan: Listed. Glycol Ether Listed. Inventory - Japan: Listed. Canada DSL Inventory List - Listed.	Canada DSL Inventory List	-		Present			
Inventory - China: Present 231-791-2; H2O Inventory - Japan: JP Korean KECL: // KE-36400 Philippines PICCS: // KE-36400 Canada DSL Inventory List - // Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - // Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - // Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - // Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - Ohina: Listed. Inventory - Japan: (7)-97 (2)-422 Korean KECL: KE-10466 Philippines PICCS: Listed Substate TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - Japan: (7)-97 NULFOSUCCINATE SODIUM SALT Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed. U.S. DOT - Appendix A Table 1 - KE-32402 Philippines PICCS: Listed. U.S. POT - Appendix A Table 1 - KE-32402 Philippines PICCS: Listed. U.S. POT - Appendix A Table 1 - KE-32402 Philippines PICCS: Listed. U.S. regulations: VATER Not Listed Not Listed Not Listed Not Listed Glycol Ether Not Listed Not Listed Not Listed Not Listed. Not Listed SULFOSUCCINATE SODIUM SALT Components California Proposition 65 Massachusetts Right to Not Listed Glycol Ether Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Glycol Ether Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Glycol Ether Not Listed Not Lis	-			Present			
EU EINECS List	. ,						
Inventory - Japan: JP Korean KECL: KE-35400 Present VE-35400 Quadratos Present Inventory - United States TSCA - Sect. 8(b) Listed. Inventory - Japan: Listed. Inventory - Japan: (1)-497 Philippines PICCS: Listed. Inventory - Japan: (1)-497 Philippines PICCS: Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - China: Listed. Inventory - Japan: (2)-422 Korean KECL: KE-10466 Philippines PICCS: Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Inventory - Japan:	•				-120		
Korean ÉECL: KE-35400 Philippines PICCS: Present Inventory - United States TSCA - Sect. 8(b) Listed. Inventory - China: Listed. Inventory - China: Listed. Inventory - Japan: (1)-497 Philippines PICCS: Listed. Glycol Ether Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - Onital States TSCA - Sect. 8(b) Listed. Inventory - Onital States TSCA - Sect. 8(b) Listed. Inventory - Onital States TSCA - Sect. 8(b) Listed. Inventory - Onital States TSCA - Sect. 8(b) Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Inventory - United States TSCA - Sect. 8(b) Listed. DIOCTYL SULFOSUCCINATE SODIUM SALT Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Inventory - Japan: Listed. Inventory - Japan: Listed. Inventory - Japan: Listed. Inventory - Japan: Listed. In					120		
Philippines PICCS: Present Quadratos							
Quadrafos Inventory - United States TSCA - Sect. 8(b) Listed. Inventory - China: Listed. Inventory - Onited States TSCA - Sect. 8(b) Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Glucal DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Australia (AICS): Listed. Inventory - China: Listed. EU EINECS List - 20396/16 Inventory - Japan: (?)-97 (2)-422 (?)-427 Korean KECL: KE-10466 Philippines PICCS: Listed. Inventory - China: Listed. Inventory - Japan: (?)-1623 Korean KECL: Keptathe Guantities Not Listed Inventory - Japan: U.S. DOT - Appendix A Table 1 - VS. DOT - Appendix B - Severe Marine Politants <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>							
Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - China: Listed. Philippines PICCS: Listed. Ganada DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Ganada DSL Inventory List - Listed. Australia (AICS): Listed. Inventory - China: Listed. EU EINECS List - 2039616 Inventory - Japan: (7)-97 (7)-97 - Ventory - United States TSCA - Sect. 8(b) Listed. Inventory - Japan: (7)-97 (7)-97 - USLUFOSUCCINATE SODIUM SALT Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Inventory - China: Listed. Inventory - China: Listed. Not ULFOSUCCINATE SODIUM SALT Listed. Inventory - China: Listed. Inventory - China: Listed. Inventory - China: Listed. Inventory - China: Listed. <t< th=""><th></th><th></th><th></th><th>Flesen</th><th></th><th></th><th></th></t<>				Flesen			
Canada DSL Inventory List - Listed. Inventory - Japan: 1(1-497 Philippines PICCS: Listed Inventory - United States TSCA - Sect. 8(b) Listed Australia (AICS): Listed. Inventory - China: Listed. EU EINECS List - Listed. Inventory - Japan: C/7-97 (2)-422 C/2-422 Korean KECL: KE-10466 Philippines PICCS: Listed. Inventory - United States TSCA - Sect. 8(b) Listed. DIOCTYL SULFOSUCCINATE SODIUM SALT Listed. Inventory - United States TSCA - Sect. 8(b) Listed. DIOCTYL SULFOSUCCINATE SODIUM SALT Listed. Inventory - China: Not Listed Inventory - China		SCA Soot 9/h)		Listad			
Inventory - China: Listed. Inventory - Japan: (1)-497 Philippines PICCS: Listed. Glycol Ether Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - China: Listed. EU EINECS List - 2039616 Inventory - Japan: (2)-422 Korean KECL: KE-10466 Philippines PICCS: Listed. DIOCTYL SULFOSUCCINATE SODIUM SALT Listed. Inventory - Japan: Listed. Inventory - Japan: Listed. Canada DSL Inventory List - Listed. Inventory - Japan: Stot - Appendix A Ta	-	. ,					
Inventory - Japan: (1)-497 Philippines PICCS: Listed Inventory - United States TSCA - Sect. 8(b) Listed. Australia (AICS): Listed. Inventory - China: 2039616 EU EINECS List - 2039616 Inventory - China: (2)-422 Korean KECL: (2)-422 Philippines PICCS: Listed. DIOCTYL SULFOSUCCINATE SODIUM SALT Listed. Inventory - Japan: (2)-422 Inventory - United States TSCA - Sect. 8(b) Listed. DIOCTYL SULFOSUCCINATE SODIUM SALT Listed. Inventory - Japan: Listed. Inventory - China: Listed. Inventory - China: Listed. Inventory - China: Listed. Inventory - Supan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed Not Listed Not Listed Not Listed Not Listed US. DT - Appendix A Table 1 - VS. DT - Appendix B - Marine VS. DT - Appendix B - Severe Marine Pollutants Not Listed Not Listed Not Listed Gly		-					
Philippines PICCS: Listed Glycol Ether	•						
Glycol Ether Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Australia (AICS): Listed. Inventory - China: Listed. Listed. Listed. Listed. Listed. Listed. Listed. V(2)-422 Korean KECL: (2)-422 Korean KECL: Listed. DIOCTYL SULFOSUCCINATE SODIUM SALT Inventory - United States TSCA - Sect. 8(b) Listed. DIOCTYL SULFOSUCCINATE SODIUM SALT Inventory - Ghina: Listed. Lis				()			
Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Australia (AICS): Listed. Inventory - China: Listed. EU EINECS List - 2039616 Inventory - Japan: (?)-97 (2)-422 Keran KECL: Korean KECL: KE-10466 Philippines PICCS: Listed. Canada DSL Inventory List - Listed. Canada DSL Inventory List - Listed. Canada DSL Inventory List - Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed US. SOT - Appendix A Table 1- Not Listed Not Listed Not Listed Uadrafos Not Listed Not Listed Not Listed Uadrafos Not Listed UOCTYL Not Listed <td< th=""><th>••</th><th></th><th></th><th>Listed</th><th></th><th></th><th></th></td<>	••			Listed			
Canada DSL Inventory List - Listed. Australia (AICS): Listed. Inventory - China: 2039616 Inventory - Japan: (7)-97 (2)-422 Korean KECL: Philippines PICCS: Listed DIOCTYL SULFOSUCCINATE SODIUM SALT Listed Inventory - United States TSCA - Sect. 8(b) Listed. DIOCTYL SULFOSUCCINATE SODIUM SALT Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Australia (AICS): Listed. Inventory - China: Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-82402 Philippines PICCS: Listed U.S. DOT - Appendix A Table 1 - V.S. DOT - Appendix B - Marine U.S. DOT - Appendix B - Severe Martine AICS): Not Listed Not Listed Not Listed U.S. DOT - Appendix A Table 1 - V.S. DOT - Appendix B - Marine U.S. DOT - Appendix B - Severe Martine Pollutants Not Listed Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Not Listed Glycol Ether R0 = 1 pound (as glycol ethers) No	•			Linterd			
Australia (AICS): Listed. Inventory - China: Listed. EU EINECS List - 2039616 Inventory - Japan: (7)-97 (2)-422 Korean KECL: Korean KECL: KE-10466 Philippines PICCS: Listed DIOCTYL SULFOSUCCINATE SODIUM SALT Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Australia (AICS): Listed. Inventory - Japan: Listed. U.S. regulations: Listed US. regulations: Not Listed Quadrafos Not Listed Not Listed Not Listed Not Listed Not Listed ULGOPT Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM SALT Not Listed Not Listed VATER N	-	· · /					
Inventory - China: Listed. EU EINECS List - 2039616 Inventory - Japan: (7)-97 (2)-422 Korean KECL: KE-10466 Philippines PICCS: Listed DIOCTYL SULFOSUCCINATE SODIUM SALT Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Australia (AICS): Listed. Inventory - China: Listed. Inventory - China: Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed U.S. regulations: Components U.S. DOT - Appendix A Table 1 - KE-32402 Philippines PICCS: Listed VATER Not Listed Not Listed Not Listed Glycol Ether RQ = 1 pound (as glycol ethers) Not Listed Not Listed SULFOSUCCINATE SODIUM SALT Components California Proposition 65 Massactures Right to Know Listed SULFOSUCCINATE SODIUM SALT VATER Not Listed Not Listed Not Listed Not Listed Glycol Ether RQ = 1 pound (as glycol ethers) Not Listed Not Listed SULFOSUCCINATE SODIUM SALT Components Not Listed Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM SALT Components Not Listed Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM SALT Components Not Listed Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM SALT Components Not Listed Not Listed Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Not Listed Not Listed Quadrafos Not Listed Not determined Listed Listed Listed Not Li	-	-					
EU EINECS List - Inventory - Japan: (7)-97 (2)-422 Korean KECL: KE-10466 Philippines PICCS: Listed DIOCTYL SULFOSUCCINATE SODIUM SALT Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Inventory - China: Listed. Inventory - China: Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed U.S. regulations: U.S. DOT - Appendix A Table 1 - Reportable Quantities Not Listed Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Not Listed UICSULFOSUCCINATE SODIUM SALT Components CI.S. DUT - Appendix A Table 1 - Reportable Quantities Not Listed Not Listed Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Not Listed Not Listed CICSULFOSUCCINATE SODIUM SALT Components California Proposition 65 Massacturests Right to Not Listed Not determined Quadrafos Not Listed Not determined Listed. DIOCTYL Not Listed Not Listed Not Listed Not Listed Not Listed Not determined Listed. DIOCTYL Not Listed Not Listed Not Listed Not Listed Not determined Not Listed Not Liste							
Inventory - Japan: (2)-422 Korean KECL: KE-10466 Philippines PICCS: Listed DIOCTYL SULFOSUCCINATE SODIUM SALT Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Australia (AICS): Listed. Inventory - China: Listed. Inventory - Ghina: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed U.S. regulations: VATER Not Listed Not Listed Not Listed Not Listed DIOCTYL Not Listed Not Listed Not Listed DIOCTYL Not Listed Not Listed Not Listed Not Listed DIOCTYL Not Listed Not Listed Not Listed Not Listed Marine Pollutants Not Listed Not Listed Not Listed Not Listed U.S. DOT - Appendix B - Marine V.S. DOT - Appendix B - Severe Marine Pollutants Not Listed Not Listed Not Listed Not Listed DIOCTYL Not Listed Not Listed Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not Listed Not Listed Not Listed Listed. DIOCTYL Not Listed Not Liste	-						
Korean KECL: KE-10466 Philippines PICCS: Listed DIOCTYL SULFOSUCCINATE SODIUM SALT Listed Inventory - United States TSCA - Sect. 8(b) Listed. Australia (AICS): Listed. Inventory - China: Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed U.S. regulations: Listed VATER Not Listed Quadrafos Not Listed Quadrafos Not Listed SULFOSUCCINATE SODIUM Saled SULFOSUCCINATE SODIUM Not Listed SALT Not Listed WATER Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM Saled SALT Not Listed WATER Not Listed Not Listed Not Listed VATER Not Listed Ougdrafos No							
Korean KECL: KE-10466 Philippines PICCS: Listed DIOCTYL SULFOSUCCINATE SODIUM SALT Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Australia (AICS): Listed. Inventory - Japan: Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed U.S. regulations: Listed VATER Not Listed Quadrafos Not Listed Not Listed Not Listed SUCCTYL Not Listed SUCCTYL Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed SUCCTYL Not Listed VATER Not Listed SUCCTYL Not Listed VATER Not Listed Not Listed Not Listed	Inventory - Japan:			· · ·			
Philippines PICCS: Listed DIOCTYL SULFOSUCCINATE SODIUM SALT Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Australia (AICS): Listed. Inventory - China: Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed U.S. regulations: Listed VATER Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Glycol Ether R0 = 1 pound (as glycol ethers) Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM Sulf Sulf Sulf Sulf Sulf Sulf Sulf Sulf				. ,			
DIOCTYL SULFOSUCCINATE SODIUM SALT Inventory - United States TSCA - Sect. 8(b) Listed. Inventory - United States TSCA - Sect. 8(b) Listed. Australia (AICS): Listed. Inventory - China: Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed U.S. regulations: Listed WATER Not Listed Not Listed Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM Reportable Quantities Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM Salted Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM - - Know List: Not Listed Not Listed WATER Not Listed Not Listed Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM - - Know List: Not determined Quadrafos Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed							
Inventory - United States TSCA - Sect. 8(b) Listed. Canada DSL Inventory List - Listed. Australia (AICS): Listed. Inventory - China: Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed U.S. regulations: KE-32402 VATER VS. DOT - Appendix A Table 1 - Reportable Quantities US. DOT - Appendix B - Marine Pollutants U.S. DOT - Appendix B - Severe Marine Pollutants WATER Not Listed Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Oloce TYL Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM SALT California Proposition 65 Massachusetts Right to - Not Listed Not Listed WATER Not Listed Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM SALT - Know List: Not Listed Not determined Quadrafos Not Listed Not Listed Not determined Not determined <	••			Listed			
Canada DSL Inventory List - Listed. Australia (AICS): Listed. Inventory - China: Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-324002 Philippines PICCS: Listed U.S. regulations: Listed WATER Not Listed Not Listed Quadrafos Not Listed Not Listed DIOCTYL Not Listed Not Listed SULFOSUCCINATE SODIUM Sates Not Listed WATER Not Listed Not Listed Not Listed Not Listed Not Listed USUFOSUCCINATE SODIUM Not Listed Not Listed SALT Not Listed Not Listed WATER Not Listed Not Listed ULGOTYL Not Listed Not Listed SULFOSUCCINATE SODIUM Sater Not Listed WATER Not Listed Not Listed Quadrafos Not Listed Not Listed SULFOSUCCINATE SODIUM Not Listed Not Listed Sater Not Listed Not Listed Not determined Q							
Australia (AICS): Listed. Inventory - China: Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed U.S. regulations: Listed WATER Not Listed Not Listed Not Listed Not Listed Not Listed Glycol Ether Round (as glycol ethers) Not Listed Not Listed SULFOSUCCINATE SODIUM Sater Not Listed Not Listed WATER California Proposition 65 Massachusetts Right to Know List: Not Listed Not Listed SULFOSUCCINATE SODIUM SALT Not Listed Not Listed Not Listed WATER Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM SALT - Know List: Not Listed WATER Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not determined Glycol Ether Not Listed Not Listed Not determined Glycol Ether Not Listed Not Listed Not determined Glycol Ether Not Listed	-	. ,					
Inventory - China: Listed. Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed U.S. regulations: Listed WATER Not Listed Not Listed Not Listed Not Listed Not Listed Glycol Ether RQ = 1 pound (as glycol ethers) Not Listed Not Listed SULFOSUCCINATE SODIUM Not Listed Not Listed Not Listed WATER Not Listed Not Listed Not Listed USULFOSUCCINATE SODIUM Not Listed Not Listed Not Listed WATER Not Listed Not Listed Not Listed UATER Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not determined Glycol Ether Not Listed Not Listed Not determined Glycol Ether Not Listed Not Listed Not determined Quadrafos Not Listed<		-					
Inventory - Japan: (2)-1623 Korean KECL: KE-32402 Philippines PICCS: Listed U.S. regulations: US. DOT - Appendix A Table 1 - Reportable Quantities US. DOT - Appendix B - Marine Pollutants U.S. DOT - Appendix B - Severe Marine Pollutants WATER Not Listed Not Listed Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Not Listed Glycol Ether RQ = 1 pound (as glycol ethers) Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM SALT Vatisted Not Listed Not Listed Not Listed WATER Not Listed Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM SALT Know List: Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not determined Not determined Quadrafos Not Listed Not Listed Not determined Listed. UIGOTYL Not Listed Not Listed Not determined Listed. DIOCTYL Not Listed Not Listed Not determined Listed.							
Korean KECL: KE-32402 Philippines PICCS: Listed U.S. regulations: U.S. DOT - Appendix A Table 1 - Reportable Quantities U.S. DOT - Appendix B - Marine Pollutants U.S. DOT - Appendix B - Severe Marine Pollutants WATER Not Listed Not Listed Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Not Listed Glycol Ether RQ = 1 pound (as glycol ethers) Not Listed Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM SALT California Proposition 65 Massachusetts Right to - New Jersey Right to Know Listed Pensylvania Right to Know WATER Not Listed Not Listed not listed Not determined Quadrafos Not Listed Not Listed Not determined OUSCOLVATE SODIUM SALT Not Listed Not Listed Not determined Uadrafos Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not determined Glycol Ether Not Listed Not Listed Not determined DIOCTYL Not Listed Not Listed Not determined DIOCT	-						
Philippines PICCS: Listed U.S. regulations: U.S. DOT - Appendix A Table 1 - Reportable Quantities U.S. DOT - Appendix B - Marine Pollutants U.S. DOT - Appendix B - Severe Marine Pollutants WATER Not Listed Not Listed Not Listed Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Not Listed Not Listed Glycol Ether RQ = 1 pound (as glycol ethers) Not Listed Not Listed Not Listed Not Listed DIOCTYL Not Listed Not Listed Not Listed Not Listed Not Listed WATER California Proposition 65 Massachusetts Right to Glycol Ether New Jersey Right to - Pennsylvania Right to Know Listed Not Listed not listed Not determined WATER Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not determined Glycol Ether Not Listed Not Listed Not determined DIOCTYL Not Listed <th>· ·</th> <th></th> <th></th> <th>· · ·</th> <th></th> <th></th> <th></th>	· ·			· · ·			
U.S. regulations: Components U.S. DOT - Appendix A Table 1 - Reportable Quantities U.S. DOT - Appendix B - Marine Pollutants U.S. DOT - Appendix B - Severe Marine Pollutants WATER Not Listed Not Listed Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Not Listed Glycol Ether RQ = 1 pound (as glycol ethers) Not Listed Not Listed Not Listed DIOCTYL Not Listed Not Listed Not Listed Not Listed Not Listed SALT California Proposition 65 Massachusetts Right to 4 Uadrafos New Jersey Right to Know List: Pennsylvania Right to Know List: Pennsylvania Right to Know List: WATER Not Listed Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not Listed Not determined Glycol Ether Not Listed Not Listed Not Listed Not determined DIOCTYL Not Listed Not Listed Not Listed Not determined							
Components U.S. DOT - Appendix A Table 1 - Reportable Quantities U.S. DOT - Appendix B - Marine Pollutants U.S. DOT - Appendix B - Severe Marine Pollutants WATER Not Listed Not Listed Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Not Listed Glycol Ether RQ = 1 pound (as glycol ethers) Not Listed Not Listed Not Listed DIOCTYL Not Listed Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM SALT - Know List: Not Listed Not Listed WATER Not Listed Not Listed Not Listed Not Listed Not Listed WATER Not Listed Not Listed Not Listed Not Listed Not Listed WATER Not Listed Not Listed not listed Not determined Quadrafos Not Listed Not Listed Not listed Not determined Glycol Ether Not Listed Not Listed Not listed Not determined DIOCTYL Not Listed Not Listed Not Listed Not determined	Philippines PICCS:			Listed			
Reportable QuantitiesPollutantsMarine PollutantsWATERNot ListedNot ListedNot ListedQuadrafosNot ListedNot ListedNot ListedGlycol EtherRQ = 1 pound (as glycol ethers)Not ListedNot ListedDIOCTYLNot ListedNot ListedNot ListedSULFOSUCCINATE SODIUMNot ListedNot ListedNot ListedSALT-Know List:Know List:List:WATERNot ListedNot Listednot listedNot determinedQuadrafosNot ListedNot Listednot listedNot determinedQuadrafosNot ListedNot Listednot listedNot determinedDIOCTYLNot ListedNot Listednot listedNot determinedDIOCTYLNot ListedNot ListedNot ListedNot determinedDIOCTYLNot ListedNot Listednot listedNot determined	U.S. regulations:						
Reportable Quantities Pollutants Marine Pollutants WATER Not Listed Not Listed Not Listed Quadrafos Not Listed Not Listed Not Listed Glycol Ether RQ = 1 pound (as glycol ethers) Not Listed Not Listed DIOCTYL Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM Not Listed Not Listed Not Listed VATER California Proposition 65 Massachusetts Right to - New Jersey Right to Know List: Pennsylvania Right to Know List: WATER Not Listed Not Listed not listed Not determined Quadrafos Not Listed Not Listed not listed Not determined Glycol Ether Not Listed Not Listed not listed Not determined DIOCTYL Not Listed Not Listed not listed Not determined	Components		able 1 -		pendix B - Marine		
Quadrafos Not Listed Not Listed Not Listed Not Listed Glycol Ether RQ = 1 pound (as glycol ethers) Not Listed Not Listed Not Listed DIOCTYL Not Listed Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM SALT Pennsylvania Right to Know Feasible WATER Not Listed Not Listed Not Listed Not determined Quadrafos Not Listed Not Listed Not determined Listed Glycol Ether Not Listed Not Listed not listed Not determined DIOCTYL Not Listed Not Listed not listed Not determined DIOCTYL Not Listed Not Listed not listed Not determined	•						
Glycol Ether RQ = 1 pound (as glycol ethers) Not Listed Not Listed Not Listed DIOCTYL Not Listed Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM California Proposition 65 Massachusetts Right to - New Jersey Right to Know List: Pennsylvania Right to Know List: WATER Not Listed Not Listed not listed Not determined Quadrafos Not Listed Not Listed not listed Not determined Glycol Ether Not Listed Not Listed not listed Not determined DIOCTYL Not Listed Not Listed not listed Not determined							
DIOCTYL Not Listed Not Listed Not Listed SULFOSUCCINATE SODIUM SALT California Proposition 65 Massachusetts Right to - New Jersey Right to Know List: Pennsylvania Right to Know List: WATER Not Listed Not Listed Not listed Not listed Quadrafos Not Listed Not Listed Not listed Not determined Glycol Ether Not Listed Not Listed Not Listed Not determined DIOCTYL Not Listed Not Listed Not Listed Not listed Not determined			thers)				
SULFOSUCCINATE SODIUM SALT Components California Proposition 65 Massachusetts Right to Know List: New Jersey Right to Know List: Pennsylvania Right to Know List: WATER Not Listed Not Listed not listed Not determined Quadrafos Not Listed Not Listed not listed Not determined Glycol Ether Not Listed Not Listed Not Listed Substance no. 2265 Listed. Listed. DIOCTYL Not Listed Not Listed Not Listed Not Listed Not listed Not determined	5	1 (0)	(11010)				
Know List:Know List:List:WATERNot ListedNot Listednot listedNot determinedQuadrafosNot ListedNot Listednot listedNot determinedGlycol EtherNot ListedNot ListedSubstance no. 2265Listed.DIOCTYLNot ListedNot Listednot listedNot determined	SULFOSUCCINATE SODIUM						
Know List:Know List:List:WATERNot ListedNot Listednot listedNot determinedQuadrafosNot ListedNot Listednot listedNot determinedGlycol EtherNot ListedNot ListedSubstance no. 2265Listed.DIOCTYLNot ListedNot Listednot listedNot determined							
QuadrafosNot ListedNot Listednot listedNot determinedGlycol EtherNot ListedNot ListedSubstance no. 2265Listed.DIOCTYLNot ListedNot Listednot listedNot determined	Components	California Proposition 65				o	
Glycol Ether Not Listed Not Listed Substance no. 2265 Listed. DIOCTYL Not Listed Not Listed not listed Not determined	WATER	Not Listed					Not determined
DIOCTYL Not Listed Not Listed							
DIGGTTE					Listed.	,	
SALT	SULFOSUCCINATE SODIUM		Not Liste	d	not listed		Not determined

Catalog Number: 76670

Components	Florida substance List:	Rhode Island Right to Know List:	Illinois - Toxic Air Contaminants	Connecticut - Hazardous Air Pollutants		
WATER	Not Listed	Not Listed	Not Listed	Not Listed		
Quadrafos	Not Listed	Not Listed	Not Listed	Not Listed		
Glycol Ether	Not Listed	Not Listed	Not Listed	Not Listed		
DIOCTYL	Not Listed	Not Listed	Not Listed	Not Listed		
SULFOSUCCINATE SODIU SALT	Μ					
Components	SARA 313 Emission reporting/Toxic Release of Chemicals	CERCLA/SARA - Section 302 Extremely Haz	NTP:	IARC:		
WATER	Not Listed	Not Listed	None	None		
Quadrafos	Not Listed	Not Listed	None	None		
Glycol Ether	1.0 %	Not Listed	None	None		
DIOCTYL	Not Listed	Not Listed	None	None		
SULFOSUCCINATE SODIU SALT	Μ					
SARA 313 Notification:	The above is your notification as to the SARA 313 listing for this product(s) pursuant to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.					
	If you are unsure if you are subject to the reporting requirements of Section 313 need more information, please call the EPA Emergency Planning and Commun Right-To-Know Information Hotline: (800) 535-0202 or (202) 479-2499 (in Washington, DC or Alaska).					
State Notification:	product(s). Inc not limited to, t	lividual states will list c	chemicals for a variety r; carcinogenic, tumor	ow listings of the stated y of reasons including, but rigenic and/or reproductive dentally released.		
F				1		

16. OTHER INFORMATION

Prepared by: Health & Safety

The product was classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all the information required by those regulations.

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, MP Biomedicals does not guarantee the accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage maybe required. MP Biomedicals assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. End of Safety Data Sheet