


SAFETY DATA SHEET

(PREPARED UNDER OSHA HAZARDOUS COMMUNICATION STANDARD 29 CFR 1910.1200)

SECTION 1 - IDENTIFICATION

Product Name: DURACLEAN AUTOCLAVE CLEANER	Product Use: Sterilizer Cleaner
Product Number(s): R11 - 258,268	
Distributor: Duraline Biosystems, INC.	Company Contact Number: (877) 561-0500
Address: West Nyack, NY 10994	Emergency Contact Information:
Date Prepared: May 21, 2015	INFOTRAC:
Prepared By: Colin C. McLay	1-800-535-5053

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Classification:	Mild Skin and Eye Irritant		
Hazard Statement:	H-315 skin irritant H-320 eye irritant	Signal Word:	
		Warning	
Precautionary Statement:	P-264 Wash hands thoroughly after handling. P-280 Wear protective gloves		
Responses:	If a medical condition occurs as a result of contact seek medical attention. Do not take internally. If accidentally ingested, seek medical attention.		

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS Number:	% BY WEIGHT:
SODIUM LAURETH SULFATE	9004-82-4 alternate CASRN 68585-34-2	1 - 3%
<i>*Trade Secret</i>	<i>n/a</i>	<i>n/a</i>

* The specific chemical identity and exact percentage of this ingredient has been withheld as a trade secret.

SECTION 4 - HEALTH INFORMATION - FIRST-AID MEASURES

<i>Routes of Exposure and Symptoms:</i>	
Ingestion:	Mild gastrointestinal irritation.
Eyes:	Mild irritation and redness.
Skin:	Brief exposure is not expected to have any harmful effects. Prolonged contact may cause irritation.
Inhalation:	In concentrated form, may cause irritation and mild headache.
<i>First Aid Response:</i>	
Ingestion:	Induce vomiting. Seek medical attention.
Eye Contact:	Wash eyes thoroughly with large amounts of water for at least 15 minutes occasionally lifting upper and lower lids. Consult physician if symptoms occur.
Skin Contact:	Wash contaminated skin with soap and large amounts of water then rinse with diluted vinegar. Remove clothing and footwear and wash before reuse.
Inhalation:	Remove to fresh air. If symptoms persist, consult a physician.

SECTION 5 - FIRE-FIGHTING MEASURES

Flash Point (°F):	None below boil	Lower Explosive Limit:	N/A	Upper Explosive Limit:	N/A
Auto ignition Temperature:	N/A				
Extinguishing Media:	Carbon dioxide, chemical foam, water fog, dry chemical				
Special Procedures:	Do not enter confined space without a self-contained breathing apparatus				
NFPA Labeling:	Health (blue)	1	Other: Flash Point = none below boil (TAG closed cup)		
	Flammability (red)	0			
	Instability (yellow)	0			

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions and Protective Equipment:	Remove spills promptly. Wear recommended protective equipment as outlined in section 8 of this document and provide adequate ventilation during clean-up.
Spill and Cleanup:	Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Absorb spill with inert material (e.g. dry sand, earth). Eliminate all ignition sources. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb unrecoverable product. Transfer contaminated absorbent and other materials to containers and dispose of in accordance with federal, state, and local requirements.

SECTION 7 - HANDLING AND STORAGE

Min/Max Temperatures (°F):	35 deg F to 125 deg F
Handling Precautions:	Wear eye protection, launder contaminated clothing before re-use. Store in a cool place.
Incompatible or Segregation:	Avoid strong oxidizers and reducing agents

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	OSHA PEL	ACGIH STEL	Other (specify)
Ethanol (CAS 64-17-5)	1900 mg/m3 or 1000 pp	1000 ppm	
Engineering Controls:	Good general ventilation should be used. Ventilation rates should be matched to conditions. Maintain airborne levels below recommended exposure limits.		
Eye Protection:	Wear safety glasses with side shields (or goggles).		
Skin Protection:	Wear appropriate chemical resistant gloves. Wear appropriate clothing.		
Respiratory Protection:	In case of insufficient ventilation, wear suitable respiratory equipment.		
Other:	Practice good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.		

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	liquid	Upper Flammability Limit:	N/A
Color:	clear teal	Lower Flammability Limit:	N/A
Odor:	mild	Vapor Pressure:	N/A
Odor Threshold:	N/A	Vapor Density:	N/A
pH:	7.0-9.0	Relative Density:	N/A
Melting Point:	N/A	Solubility:	Soluble in water
Freezing Point:	Not established	Partial Coefficient: n-octanol/water:	N/A
Boiling Point:	212 deg F	Auto-Ignition Temperature:	N/A
Flash Point:	none to boiling deg F	Decomposition Temperature:	N/A
Evaporation Rate:	about the same as water	Viscosity:	N/A
Flammability:	N/A		

SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	None
Stability:	Stable. Avoid temperature extremes.
Incompatibility:	Avoid Strong oxidizers and reducing agents.
Conditions to Avoid:	Excessive heat and cold
Possible Hazardous Reactions:	None
Hazardous Decomposition Products:	Oxides of carbon and nitrogen under fire conditions

SECTION 11 - TOXICOLOGICAL INFORMATION

Routes of Exposure & Effects:	
Skin	Acute: Irritating to skin
	Chronic: None expected when good personal and industrial hygiene and housekeeping practices are followed
Eyes	Acute: Irritating to eyes
	Chronic: None expected when good personal and industrial hygiene and housekeeping practices are followed
Ingestion	Acute: Mild gastrointestinal irritation
	Chronic: None expected when good personal and industrial hygiene and housekeeping practices are followed
Inhalation	Acute: In concentrated form, may cause irritation and mild headache
	Chronic: None expected when good personal and industrial hygiene and housekeeping practices are followed
Carcinogenic, mutagenic, and reprotoxic information:	
Reproductive Effects: No data available	
Mutagens: No data available	
Carcinogens (NTP, OSHA, IARC): This product does not contain any substances that are considered to be a carcinogen.	

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	No Data Available
--------------	-------------------

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Dispose of contents and container in accordance with local, state, & federal regulations
-------------------------	--

SECTION 14 - TRANSPORTATION INFORMATION

Not Regulated

SECTION 15 - REGULATORY INFORMATION

All ingredients in this product are listed on the TSCA Inventory.	
SARA 313:	This product does not contain any chemicals which are subject to the reporting requirements of the Act and 40.CFR.372.
SARA 302:	None

SECTION 16 - OTHER INFORMATION

Date Prepared:	May 21, 2015
Revision Date:	n/a
HMIS Hazard Rating:	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION EQUIPMENT	A