

## SAFETY DATA SHEET

**1. PRODUCT AND COMPANY IDENTIFICATION**Product Identifier

**Product Name:** Lively Probiotic Laundry Stain Remover  
**Product Code:** 07103  
**Other means of identification:** None

Recommended use of the chemical and restrictions on use

**Recommended Use:** Cleaning agent  
**Uses advised against:** Use only as stated on label  
**Product Dilution:** Dilute per Faultless specifications

Details of the supplier of the safety data sheet

**Manufactured by / Distributed by:**  
 Faultless Brands  
 1025 W 8<sup>th</sup> St.  
 Kansas City, MO 64101 USA  
 1-816-842-1230  
 www.faultless.com

Telephone numbers:

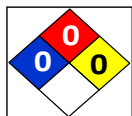
24 Hour Emergency Phone Number: 1-800-424-9300 (CHEMTREC)

**2. HAZARDS IDENTIFICATION**

**Appearance:** Clear, slightly hazy

**Physical state:** Liquid

**Odor:** Slightly soapy

<b>Classification</b>		
Acute toxicity - Oral	No significant hazards	
Eye irritation	Slight irritation possible	
Respiratory sensitization	No significant hazards	
Skin sensitization	No significant hazards	
<b>Label Elements</b>		<b>Signal Word:</b> None
<b>Hazard statements:</b>	This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).	
		

**Emergency Overview**

**GENERAL STATEMENT: IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION! SPEAK WITH A DOCTOR BEFORE USING IF YOU OR A HOUSEHOLD MEMBER IS IMMUNOCOMPROMISED.**

Precautionary Statements - Response: Specific Treatment (See Section 4 in the SDS)

IF IN EYES: May be slightly irritating. Rinse thoroughly with plenty of water. If irritation persists contact physician.

Precautionary Statements - Disposal

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Precautionary Statements - Storage

Keep out of reach of children.

Hazards not otherwise classified (HNOC)

None known.

Other information

Unknown Acute Toxicity: 0% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Chemical Name</b>	<b>Common name and synonyms</b>	<b>CAS number</b>	<b>%*</b>
Sodium Laureth Sulfate		68585-34-2	0.1 – 1*
Glycerol		56-81-5	0.1 – 1.5*
Sodium Citrate		6132-04-3	0.05 – 1*
Other components below reportable levels			96.5 – 99.35*

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

**4. FIRST-AID MEASURES**

Inhalation	Non-reactive. No First-aid needed	
Skin Contact	Non-irritating. No First-aid needed	
Eye Contact	May be slightly irritating. Rinse thoroughly with plenty of water. If irritation persists contact physician.	
Ingestion	Non-toxic. No First-aid needed.	
Symptoms/effects, acute and delayed	None	
Special treatment needed	None anticipated.	
General information	Follow directions above. If you feel unwell seek medical advice. Show label and SDS to attending First-aid giver and/or physician if possible.	

**5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media	Does not burn.	
Unsuitable extinguishing media	None	
Specific hazards arising from the burning of chemicals	Does not burn.	
Fire fighting equipment/instructions	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.	
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.	
General fire hazards	No unusual fire or explosion hazards noted.	

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	None needed. Caution floor may be slippery.	
Methods and materials for containment and cleaning up	Where possible, vacuum spilled liquid to recover material. Rinse water may be disposed of down a sanitary sewer system if authorized by the local municipality.	
Environmental precautions	None needed - non-toxic, non-hazardous in diluted form.	

**7. HANDLING AND STORAGE**

Precautions/Advice for safe handling	Normal ventilation is adequate. Avoid contact with eyes. Wear safety glasses.	
Conditions for safe storage, including any incompatibilities	Keep away from children and pets. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).	

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational exposure limits**

US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Proprietary alcohol	STEL: 400 ppm TWH: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>2</sup> (vacated) TWA: 400 ppm	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>2</sup>

(vacated) TWA: 980 mg/m<sup>2</sup>  
 (vacated) STEL: 500 ppm  
 (vacated) STEL: 980 mg/m<sup>2</sup>

STEL: 500 ppm  
 STEL: 1225 mg/m<sup>2</sup>

Glycerol (CAS 56-81-5)	PEL	5 mg/m <sup>3</sup> 15 mg/m <sup>3</sup>	Respirable fraction. Total dust
<b>Biological limit values</b>	No exposure limits.		
<b>Appropriate engineering controls</b>	Apply technical measures to comply with the occupational exposure limits. Ensure that eyewash stations and safety showers are close to a workstation location. Provide adequate ventilation.		

**Individual protection measures, such as personal protective equipment**

<b>Eye/face protection</b>	Safety glasses recommended	
<b>Skin protection - hands/other</b>	None normally required. If allergic wear gloves and appropriate clothing/apron.	
<b>Respiratory protection</b>	None normally required.	
<b>Thermal hazards</b>	None needed	
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.	

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Clear
Physical state	Liquid
Form	Liquid
Color	Clear
Odor	Slightly soapy
Odor threshold	Not determined
pH	6.5 – 8.5
Melting point/freezing point	32°F (-0°C) estimated
Initial boiling point and boiling range	212 °F (100°C) estimated
Flash point	Not determined
Evaporation rate	Same as water
Flammability (solid, gas)	Not determined
Upper/lower flammability limits	Not determined
Upper/lower explosive limits	Not determined
Vapor pressure	Not determined
Vapor density	Not determined
Relative density	Not determined
Solubility(ies) in water	Complete
Partition coefficient (in n-octanol/water)	Not determined
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	Not determined
Density	Not determined
Explosive properties	Not explosive
Flammability class	Non-flammable, Non-combustible
Oxidizing properties	Non oxidizing
Percent volatile	Not determined
Specific gravity	1.001
VOC (weight %)	Not determined

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	None known	
<b>Chemical stability</b>	Stable	
<b>Possibility of hazardous reactions</b>	None known	
<b>Conditions to avoid</b>	None known	
<b>Incompatible materials</b>	None known	
<b>Hazardous decomposition</b>	None known	

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

<b>Inhalation</b>	Not classified	
<b>Skin contact</b>	Not harmful	
<b>Eye contact</b>	Slight irritation possible	
<b>Ingestion</b>	Not classified	

Symptoms related to the physical, chemical and toxicological characteristics	Slight irritation possible	
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**Information on toxicological effects**

Acute toxicity	No significant hazards	
Skin corrosion/irritation	Not harmful	
Serious eye damage/eye irritation	Slight irritation possible	

**Respiratory or skin sensitization**

Skin sensitization Skin sensitization - Sodium Citrate	None expected	
Germ cell mutagenicity	None expected	
Reproductive toxicity	None known	
Specific target organ toxicity - repeated exposure	None known	
Aspiration hazard	Not harmful	

Information on toxicological effects	No significant hazards	
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**Delayed and immediate effects as well as chronic defects from short and long-term exposure**

Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.	
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Chemical Name	ACGIH	IARC	NTP	OSHA
Proprietary alcohol		Group 3		X

Legend

*IARC (International Agency for Research on Cancer)*

*Group 3 IARC components are "not classifiable as human carcinogens"*

*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*

*X - Present*

Numerical measures of toxicity	Not determined
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The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 1,851.00 mg/kg

**12.ECOLOGICAL INFORMATION**

Ecotoxicity	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.	
Persistence and degradability	No significant hazards	
Mobility in soil	No significant hazards	
Other adverse effects	Not determined	

**Component Information - Concentrate Ingredients**

Chemical Name	Algae/aquatic plants	Fish	Crustacean
Proprietary alcohol	1000: 96 h Desmodemus subspicatus mg/L EC50 1000: 72h Desmodesjus subspicatus mg/L EC50	1400000: 96 h Lepomis macrochirus ug/L LC50 9640: 96h Pimephales promelas mg/L LC50 flow-through 11130: 96 h Pimephales promelas mg/L LC50 static	13299: 48 h Daphnia magna mg/L EC50
Proprietary glycol		5000: 24h Carassius auratus mg/L LC50	
Proprietary acid		5000: 96H Brachydanio rerio mg/L LC50	

Persistence - Degradability	Not determined
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<b>Bioaccumulation</b>	Not determined
<b>Other Adverse Effects</b>	Not determined

<b>Mobility</b>	<b>Chemical Name</b>	<b>Partition Coefficient</b>
	Proprietary Alcohol	0.05
	Proprietary Acid	-1.11

**13. DISPOSAL CONSIDERATIONS**

<b>Disposal instructions</b>	Where possible, vacuum spilled liquid to recover material. Rinse water may be disposed of down a sanitary sewer system if authorized by the local municipality.	
<b>Disposal regulations</b>	Dispose in accordance with all applicable procedures and regulations, international, national and local.	
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.	
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).	
<b>Contaminated packaging</b>	Not hazardous	

**14. TRANSPORT INFORMATION**

<b>DOT</b>	Not regulated as dangerous goods	
<b>IATA</b>	Not regulated as dangerous goods	
<b>IMDG</b>	Not regulated as dangerous goods	
<b>Transport in bulk according to Annex II of MARPOL 73/38 and the IBC Code</b>	Not established	
<b>Note</b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.	

**15. REGULATORY INFORMATION**

<b>US Federal Regulations</b>	Not hazardous		
<b>TSCA Section 12(b) Export Notification</b>	Not applicable		
<b>CERCLA Hazardous Substance List (40 SARA 304 Emergency release)</b>	Not applicable		
<b>OSHA Specifically Regulated</b>	Not applicable		
<b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>	<b>Hazard categories</b>	Not applicable	
	<b>SARA 302 Extremely hazardous substance</b>	Not applicable	
	<b>SARA 311/312 hazardous chemical</b>	Not applicable	
	<b>SARA 313 (TRI reporting)</b>	Not applicable	

**Other Federal Regulations**

<b>Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List</b>	Not regulated	
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Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	Not regulated	
Safe Drinking Water Act (SDWA)	Not regulated	

#### US State Regulations

US. California Controlled Substances.	Not applicable	
US. Massachusetts RTK - Substance List	Product quantity below regulation limits	
US. New Jersey Worker and Community Right-to-Know Act	Product quantity below regulation limits	
US. Pennsylvania Worker and Community Right-to-Know Law	Product quantity below regulation limits	
US. Rhode Island RTK	Not applicable	
US. California Proposition 65	Not applicable	

#### State right to know

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Proprietary alcohol	X	X	X

#### International Inventories

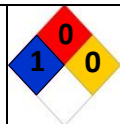
Country(s) or Region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IEDSD)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or are exempt from listing on the inventory administered by the governing country(s).

#### 16. OTHER INFORMATION

	HMIS® Ratings	NFPA Ratings		
Health	0	0		
Flammability	0	0		
Instability	0	0		
Personal Protection	-	-		

Symbol



Prepared by: Regulatory Department  
Issue date: 10/31/2022  
Revision date: None  
Version #: 1

**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Revision Information** Physical & Chemical Properties: Multiple Properties  
Regulatory Information: United States.

**END OF SAFETY DATA SHEET**