SDS Revision: 4.0

SDS Revision Date: 31Oct25

SEC	CTION 1: Identification	on of the Su	bstance/Mi	ixture and of the Compa	nv/Undertaking					
1.1 Product Identifier: Branch Basics LAUNDRY DETERGENT										
Product Codes: LD-02										
1.2 Relevant Identified Uses: Laundry Detergent Powder										
	Uses Advised Against	No additional information								
1.3	Supplier of Safety Data Sheet:	Branch Basics 1350 Lagoon 1-800-414-12	Branch Basics 1350 Lagoon Avenue, Suite 920, Minneapolis, MN 55408, USA 1-800-414-1210 infor@branchbasics.com							
.4	Emergency Telephone Number:	Branch Basics: 1-800-414-1210								
SEC	CTION 2: Hazards Ide	entification								
he r	mixture has been assesse	ed for its physic	al, health and	environmental hazards, and the	e following classification applies.					
2.1	Classification of the Substance or Mixture:		ds: Eye Irritat	ion - Category 2A; Respiratory	Sensitization - Category 1					
2.2	Labeling Elements:	Environmental Hazards: Aquatic Acute - Category 3 Hazard Signal Word: Danger Hazard Statements: H319: Causes serious eye irritation H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled H402: Harmful to aquatic life Precautionary Statements: P261: Avoid breathing dust. P264+P265: Wash hands thoroughly after handling. Do not touch eyes. P280: Wear eye protection/face protection. P284: In case of inadequate ventilation, wear respiratory protection. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P342+P316: If experiencing respiratory symptoms: Get emergency medical help immediately. P305+P351+P338+P337+P317: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical help. P273: Avoid release to the environment. P501: Dispose of contents and container in accordance with local, regional and national regulations.				Pictograms:				
2.3	Other Hazards: No known other hazards which do not result in classification. Mixture does not meet the criteria for PBTs or vPvBs in accordance to Regulation (EC) No. 1907/2006, Annex XIII.					ria for PBTs or				
	CTION 3: Composition	on / Informat	tion on Ing	redients						
3.2	Mixtures:	CASNO	EC No.	Hazard Classification	Hazard Statements	% by Maiabt				
Chemical Name Sodium Carbonate		CAS No. 497-19-8	207-838-8	Eye Irritation, Category 2	Hazard Statements H319: Causes serious eye irritation	% by Weight 30 - 60				
Sodium Percarbonate		15630-89-4	239-707-6	Oxidizing Solids, Category 2 Acute Toxicity (Oral), Category 4 Eye Irritation, Category 1 Aquatic Acute, Category 2	H272: May intensify fire; oxidizer H302: Harmful if swallowed H318: Causes serious eye damage H401: Toxic to aquatic life	10 - 25				
Decyl Glucoside		68515-73-1	500-220-1	Eye Damage/Irritation, Category 1	H318: Causes serious eye damage	1 - 5				

SDS Revision: 4.0

SDS Revision Date: 31Oct25

Branch Basics LAUNDRY DETERGENT

Advice for

Firefighters:

Sodium Metasilicate (1)	6834-92-0		Metal Corrosion, Category 1	H290: May be corrosive to	
		229-912-9	Skin Corrosion, Category 1B Eye Damage, Category 1 STOT-SE, Category 3	metals H314: Causes severe skin burns and eye damage H335: May cause respiratory irritation	1 - 5
Sodium Lauryl Sulfoacetate	1847-58-1	217-431-7	Eye Irritation, Category 1 Aquatic Acute, Category 2 Aquatic Chronic, Category 3	H318: Causes serious eye damage H401: Toxic to aquatic life H412: Harmful to aquatic life with long lasting effects	1 - 5
Protease Enzyme (Subtilisin) 9014-01-1		232-752-2	Skin Irritation, Catyegory 2 Eye Irritation, Category 1 Respiratory Sensitizer, Category 1 STOT-SE, Category 3 Aquatic Acute, Category 1 Aquatic Chronic, Category 2	H315: Causes skin irritation H318: Causes serious eye damage H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled H335: May cause respiratory irritation H400: Very toxic to aquatic life H411: Toxic to aquatic life with long lasting effects	1.5% (0.225% active)
Alpha-Amylase Enzyme	9000-90-2	232-565-6	Respiratory Sensitizer, Category 1	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled	1.5% (0.075% active)

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as physical, health or the environmental hazards, are PBTs or vPvBs, or have been assigned an occupational exposure limit within US OSHA regulations or EU OEL Directives, and hence require reporting in this section.

SEC	SECTION 4: First Aid Measures						
4.1	Description of First Aid Measures:	Ingestion: In case of ingestion, do not induce vomiting without medical advice. Give victim several glasses of water to drink. Never give anything by mouth to an unconscious person. Seek medical attention. Eyes: In case of eye contact, flush with copious amounts of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention. Skin: If signs of irritation to the skin develop, wash the affected area with plenty of water and soap. Seek medical attention in the event of an adverse reaction or if symptoms persist. Inhalation: If respiratory distress or irritation occurs, remove victim to fresh air and keep comfortable for breathing. Seek immediate medical attention in the event of an adverse reaction, if symptoms persist, or if feeling unwell.					
	Most Important Symptoms and Effects, Both Acute and Delayed:	Direct eye contact with product may cause serious eye irritation. Symptoms may include stinging, tearing, and redness. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Inhalation of dust may cause mechanical respiratory irritation, coughing, and dry/sore throat.					
4.3	Indication of Immediate Medical Attention and Special Treatment Needed:	Provide general supportive measures and treat symptomatically. No known specific antidotes.					
SEC	TION 5: Firefighting	Measures					
5.1	Extinguishing Media:	<u>Suitable Extinguishing Media:</u> Water mist, dry chemical, alcohol-resistant foam, or carbon dioxide. <u>Unsuitable Extinguishing Media:</u> High volume water jet.					
5.2	Special Hazards Arising from the Substance or Mixture:	May produce carbon oxides and sodium oxides on combustion.					

In case of major fire or large quantities, fight fire from a distance.

Wear self-contained breathing apparatus and full personal protective gear. Use standard firefighting procedures.

SDS Revision: 4.0 SDS Revision Date: 31Oct25

SEC	TION 6: Accidental	Release Measures					
	Personal Precautions, Protective Equipment and Emergency Procedures:	Avoid contact with eyes. recommendations describem. Keep unnecessary	ibed in Section 8	8. Ensure adequate			
	Environmental Precautions:	Dike or contain spill to prevent from entering drains. Avoid direct release to drains, surface and ground water.					
	Methods and Material for Containment and Cleaning Up:	Place all sweepings into suitable containers for disposal and move to a safe place. Wash small residues with plenty of water.					
	Reference to Other Sections:	For personnel protection Section 13.	, see Section 8.	For safe handling a	nd storage, see	Section 7. For wa	ste disposal, see
SEC	TION 7: Handling ar	nd Storage					
7.1	Precautions for Safe Handling:	Utilize safe handling and formation. Ensure adequ breathing dust. Avoid co handling. Observe good	uate ventilation. \ntact with eyes.	Wear appropriate pe Do not eat, drink or	ersonal protectiv	e equipment (see	Section 8). Avoid
	Conditions for Safe Storage, Including Any Incompatibilities:	containers tightly closed materials (see Section 1	Store in a cool, dry, and well-ventilated area away from direct sun-light. Store in original container and keep containers tightly closed. Protect from humidity/moisture. Store away from combustible and incompatible materials (see Section 10). Do not store near reducing agents.				
7.3	Specific End Use(s):	No further relevant infor	mation available.				
SEC	TION 8: Exposure C	ontrols / Personal F	Protection				
	Control Parameters:				Occupational	Exposure Limits	
		CHEMICAL NAME	CAS Number	OSHA PEL (TWA)	NIOSH REL (TWA)	ACGIH TLV	EU IOELV - BOELV
		Sodium Percarbonate	15630-89-4	15 mg/m ³ (total dust) 5 mg/m ³ (resp. fraction)	10 mg/m ³ (total dust) 5 mg/m ³ (resp. fraction)	TWA: 10 mg/m ³ (inhalable)	(1)
		Sodiuim Carbonate	497-19-8	15 mg/m ³ (total dust) 5 mg/m ³ (resp. fraction)	10 mg/m ³ (total dust) 5 mg/m ³ (resp. fraction)	TWA: 10 mg/m ³ (inhalable)	(1)
		Protease (Subtilisin)	1/1/9014	STEL: 0.00006 mg/m3 (60-minute)	STEL: 0.00006 mg/m3 (60-minute)	Ceiling 0.00006 mg/m³ (as crystalline active enzyme)	(1)
		(1) Reference EU memb					
	Monitoring	Workplace atmospheric monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference monitoring standards, such as US NIOSH and OSHA Measurement Methods, European Standards EN 689 and EN 482. Reference national guidance documents for methods for the determination of hazardous substances.					
	Biological Limit Values:	This product does not co	ontain substance	s with biological exp	oosure limit valu	les.	
	Derived No Effect Level (DNEL):	No information available					
	Predicted No Effect Concentrations (PNEC):	No information available					
8.2	Exposure Controls:						
	Appropriate Engineering Controls:	Provide adequate ventila	ation to maintain	airborne levels belo	w recommende	ed exposure limits.	

SDS Revision: 4.0

SDS Revision Date: 31Oct25

		Wear protective eyewear (e.g. face shield, goggles).		
	Skin and Hand	Wear protective gloves.		
	Protection:	on:		
		If inadequate ventilation, wear suitable respirator that meets current occupational health and safety standards. If		
	Protection:	airborne exposure limits are exceeded, wear suitable dust mask/respirator that meets current occupational		
		health and safety standards.		
		Refer to Section 5 for fire personal protective equipment.		
	Hygiene Measures: Do not eat, drink or smoke during product use or handling. Wash hands after handling. Observe			
		hygiene measures. Routinely wash work clothing and protective equipment.		
	Environmental	Environmental manager must be informed of all major releases.		
	Exposure Controls:	Environmental manager must be informed of all major releases.		
SEC	TION 9: Physical an	d Chemical Properties		
		hysical and Chemical Properties:		
	Appearance:			
		Characteristic		
		No data available on this product		
		No data available on this product		
	•	No data available on this product		
		No data available on this product		
1	initial Boiling	No data available on this product		
1				
		No data available on this product		
	Evaporation Rate:	No data available on this product		
	Flammability (solid,	No data available on this product		
	gas):	TWO data available on this product		
	Upper/Lower			
	Flammability or	No data available on this product		
	Explosive Limits:			
		No data available on this product		
	_	No data available on this product		
		No data available on this product		
		No data available on this product		
	Partition Coefficient	ino data available on tris product		
		No data available on this product		
	(n-octanol/water):	'		
	Autoignition	No data available on this product		
	Temperature:	INO data available on tris product		
	Decomposition	7500 (40705)		
	Temperature:	> 75°C (167°F)		
1		No data available on this product		
	_	No data available on this product		
	_	Does not intensify fires. UN/DOT Test O.1 – Oxidizing Substances Test (Division 5.1)		
9.2	Other Information:	No relevant additional information available on this product.		
5.2	Other information.	140 Tolevant additional information available on this product.		
SEC	TION 10: Stability ar	nd Reactivity		
	Reactivity:	The product is not reactive under normal conditions of storage, handling and transport (see Section 7).		
		The product is not reactive under normal conditions of storage, nariding and transport (see Section 7). The product is stable under normal handling and storage conditions.		
	Chemical Stability: Possibility of	The product is stable under normal handling and storage conditions.		
10.3	_	Build up of dangerous/toxic fumes possible in cases of fire/high temperature.		
40.4	Hazardous Reactions:	Action to a contract of the co		
	Conditions to Avoid:	Avoid heat, sparks, open flame, and other ignition sources, direct sunlight, and moisture.		
	Incompatible	Strong acids, bases, and reducing agents; metals.		
	Materials:			
	Hazardous			
	Decomposition	Oxides of carbon and sodium.		
1	Products:			

SDS Revision: 4.0

SDS Revision Date: 31Oct25

ECT	ION 11: Toxicologi	cal Information					
		ogical Effects: No data available on the product. Health effects of the product are derived from ingredient					
	erature review and concentrations present. If available, relevant toxicological properties of the components that contribute to						
		f the mixture in Section 3 are provided. Evaluations for the mixture may be based on additional information not shown.					
-		te Eye Exposure: Direct eye contact with product may cause serious eye irritation. Symptoms may include					
		nd stinging, tearing, and redness.					
		Skin Exposure: No adverse effects expected from normal use.					
	o jp.too.	Ingestion: May cause gastrointestinal discomfort if swallowed.					
		Inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled. Inhalation of dust may					
		cause mechanical respiratory irritation, coughing, and dry/sore throat.					
F	Potential Chronic						
	Health Effects:	Chronic effects are unknown.					
		Based on available data, classification criteria are not met.					
-		Product Summary/Conclusion: Based on available data, classification criteria are not met.					
		Sodium Carbonate: CAS 497-19-8					
	minution.	Acute Dermal Irritation, OECD 404, Rabbit: Not irritating					
		Sodium Percarbonate: CAS 15630-89-4					
		US-EPA Health Effects Test Guidance, pp. 41-48, Rabbit: Not irritating					
		Decyl Glucosode: CAS 68515-73-1					
		Acute Dermal Irritation/Corrosion, OECD 404, Rabbit (65% active): Not irritating					
-	Serious Eve	Product Summary/Conclusion: Causes serious eye irritation.					
		Sodium Carbonate: CAS 497-19-8					
	go	Acute Eye Irritation, Draize, Rabbit: Highly irritating					
		Sodium Percarbonate: CAS 15630-89-4					
		Acute Eye Irritation, EPA OPP, 81-4, Rabbit: Highly irritating					
		Specific concentration limits: > 25% (eye damage); > 7.5 - < 25% (eye irritation)					
		Decyl Glucosode: CAS 68515-73-1					
		Acute Eye Irritation/Corrosion, OECD 405, Rabbit, read-across grouping of substances: (> 12% active)					
		(≤ 12% active) Not Irritating					
		Sodium Lauryl Sulfoacetate: CAS 1847-58-1					
		Draize Eye Irritation, Rabbit, 3%, Slight irritation					
	Respiratory or Skin	Product Summary/Conclusion: May cause allergy or asthma symptoms or breathing difficulties if inhaled.					
		Sodium Percarbonate: CAS 15630-89-4					
		US-EPA Health Effects Test Guidance, pp. 33-39, Rabbit: Not sensitizing					
F	Germ Cell	No data available to indicate product or any components present at greater than 0.1% are mutagenic or					
		genotoxic. No components at levels greater than or equal to 0.1% are listed as a mutagen in EU Regulation (EC					
	• •	No. 1272/2008 [CLP].					
F		No components at levels greater than or equal to 0.1% are listed as a human carcinogen in EU Regulation (EC)					
		No. 1272/2008 [CLP], IARC, US-OSHA, or NTP.					
F		No data available to indicate product or any components present at greater than 0.1% cause reproductive or					
		developmental effects. No components at levels greater than or equal to 0.1% are listed as a reproductive toxin					
	i oxioity.	in EU Regulation (EC) No. 1272/2008 [CLP].					
F	STOT-Single						
	Exposure:	Based on available data, classification criteria are not met.					
F	STOT-Repeated						
	Exposure:	Not classified due to lack of data.					
H	•	Not classified due to lack of data.					
-	•						
	Other Information:	No other relevant information available.					
• ОТ	ION 40: Faalasiaal	Information					
	ION 12: Ecological						
.1 1	Γoxicity:	Product Summary/Conclusion: Harmful to aquatic life.					
- 1		Sodium Percarbonate: CAS 15630-89-4					
		A () I (I E050 40					
		Aquatic Invertebrates EC50: 4.9 mg/L, 48 hours (Daphnia pulex)					
		Aquatic Invertebrates EC50: 4.9 mg/L, 48 hours (Daphnia pulex) Fish LC50: 70.7 mg/L, 96 hours (Pimephales promelas)					
	Persistence and Degradability:						

SDS Revision Date: 31Oct25

SDS Revision: 4.0

12.3	Bioaccumulative Potential:					
	Partition Coefficient:					
	n-octanol/water	Not available				
	Bioconcentration					
		Not available				
	Factor (BCF):					
12.4	Mobility in Soil:	No data available				
12.5	Results of PBT and					
	vPvB Assessment:	Not available				
	Other Adverse					
		No other known adverse environmental effects or critical hazards.				
-	Effects:					
SEC	TION 13: Disposal C	Considerations				
13.1	Waste Treatment Metho	ods:				
		Dispose of waste material and containers in accordance with appropriate local, regional, and national				
	Tracte Biopecan	regulations. Do not dispose through sewage. Packagings should be completely emptied and taken to an				
		approved waste handling site for recycling or disposal. Packagings which could not be cleansed should be				
		disposed of as product waste.				
	Special Precautions:	No relevant additional information available.				
SEC	TION 14: Transport	Information				
	UN Number:	Not regulated.				
		INOL regulated.				
14.2	UN Proper Shipping	Not regulated				
	Name:	, to the second				
14.3	Transport Hazard	Not classified as a dangerous good under transport regulations.				
	Classes:	110t diassified as a daligerous good direct transport regulations.				
	0.0000.	LINUTE TO A CONTROL OF THE TANK THE TAN				
		UN/DOT Test O.1 – Oxidizing Substances Test (Division 5.1): Division 5.1 is not assignable to the test				
		substance, Branch Basics Laundry Detergent , as it did not ignite and burn, or exhibit a mean burning time				
		ess than the mean burning time of a mixture in a 3 to 7 ratio, by weight, of potassium bromate and cellulose				
		either as a whole fraction or as its < 500 µm component.				
444	- -					
	Packing Group:	None				
14.5	Environmental	Not applicable/Exempt				
	Hazards:	The applicable, Exempt				
14.6	Special Precautions	Transport within user's premises: Transport in closed containers that are upright and secure. Read SDS before				
	for User:	handling.				
	Transport in Bulk					
	According to Annex II					
		Not applicable				
	of Marpol and the IBC	···				
	Code:					
SEC	TION 15: Regulatory	/ Information				
		ironmental Regulations/Legislation Specific for the Substance or Mixture:				
113.1		No. 1907/2006 REACH Article 59(10) and Annexes XIV and XVII, as amended: No components in this				
	• , ,	No. 1307/2000 REACH Affice 35(10) and Affices XIV and XVII, as afficied. No components in this				
	product are listed.	0/FU				
	EU Directive 2012/18/EU on major accident hazards involving dangerous substances: Sodium Percarbonate (CAS 15630-89-4					
	Sodium Metasilicate	(CAS 6834-92-0)				
	EU Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended: No components in					
	this product are listed.					
	EU Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I, as amended: No components in this product are					
	listed.					
	EU Regulation (EC) No. 649/2012 concerning export/import of dangerous chemicals, Annex I (parts 1 - 3) & Annex V, as					
	amended: No components in this product are listed.					
	EU Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry: No components in this product are listed.					
	National Regulations of EU Member States: Follow national regulations for work with chemical agents.					
	German Water Hazard Class (WGK) for Mixture: WGK 1					
		·				
		No components in this product are listed at levels that require reporting.				
		No components in this product are listed at levels that require reporting.				
	US SARA 311/312: I	Not applicable - product is exempt.				
	US SARA 313 : No c	omponents in this product are listed at levels that require reporting.				
	US CERCLA RQ: RCRA D001/Unlisted Ignitable Hazardous Waste: Sodium Percarbonate = 100 lbs					

SDS Revision: 4.0

SDS Revision Date: 31Oct25

	US Clear	Air Act (CAA) Section 112(r) TQ: No components in this product are listed at levels that require reporting.				
		n Water Act (CWA): No components in this product are listed at levels that require reporting.				
		Regulations: Follow state regulations for work with chemical agents.				
45.0		<u> </u>				
15.2	Chemical Sa Assessment	¹ INO Chemical Salety Assessment has been carned out.				
-	Assessment	•				
SEC	TION 16: O	ther Information				
	nd to	ACGIH: American Conference of Governmental Industrial Hygienists				
	eviations:	BOELV: Binding Occupational Exposure Limit Values				
		CAS: Chemical Abstracts Service				
		CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act				
		CLP: Classification, Labelling and Packaging of Substances and Mixtures				
		EC: European Commission				
		EC50: Effective Concentration, 50%				
		EPA: Environmental Protection Agency				
		EU: European Union				
		IARC: International Agency for the Research of Cancer				
		IBC: Intermediate Bulk Container				
		IDHL: Immediately Dangerous to Life or Health Concentrations				
		IOELV: Indicative Occupational Exposure Limit Values				
		LC50: Lethal Concentration, 50%				
		LD50: Lethal Dose, 50%				
		NIOSH: National Institute for Occupational Safety and Health				
		NTP: National Toxicology Program				
		OECD: Organisation for Economic Co-operation and Development				
		OEL: Occupational Exposure Limit				
		OPP: Office of Pesticide Programs				
		PBT: Persistent, Bioaccumulative, and Toxic				
		vPvB: very Persistent and very Bioaccumulative				
		PEL: Permissible Exposure Limit				
		REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals				
		RCRA: Resource Conservation and Recovery Act				
		REL: Recommended Exposure Limit				
		RQ: Reportable Quantity				
		SARA: Superfund Amendments and Reauthorization Act				
		SDS: Safety Data Sheet				
		STEL: Short Term Exposure Limit				
		STOT: Specific Target Organ Toxicity				
		TLV: Threshold Limit Value				
		TPQ: Threshold Planning Quantity				
		TQ: Threshold Quantity				
		TWA: Time Weighted Average				
		UN: United Nations				
		US: United States				
		US-OSHA: United States Occupational Safety & Health Administration				
Evalu	uation Method	Is Used for Classification of the Mixture: Calculation method and expert judgement.				
L .		It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources,				
Irain	ing Advice:	as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards				
<u> </u>		associated with the product.				
Discl	aimer:	This Safety Data Sheet is intended to provide a brief summary of our knowledge and guidance regarding the use of this				
		product. The information set forth herein has been compiled from sources considered to be reliable and is believed to be				
		accurate as of the date of publication. This information is offered in good faith by Branch Basics and the accuracy,				
		suitability or completeness is not guaranteed, and no warranties of any type, either expressed or implied, are provided. If				
		this product is combined with other materials, all component properties must be considered. The user assumes all liability for any damage or from any hazards inherent in the nature of the product.				
		nor any damage or normany nazards innerent in the nature of the product.				
	Revision	23Aug25				
Date:		· · · ·				
Revis		Updated section 1.1 product code and section 3.				
Infor	mation:	opulated decision in product code and coolien c.				