

lenses, if present and easy to do. Continue rinsing P310 - Immediately call a poison center/doctor/ P321 - Specific treatment (see on this label) P322+P313 - If skin irritation occurs: Get medical advice/attention P322+P364 - Take off contaminated clothing and wash it before reuse 2.3. Other hazards No additional information available 2.4. Unknown acute toxicity (GHS US) Not applicable SECTION 3: Composition/Information on ingredients 3.1. Substance	SECTION 1: Identification	
Product name : ASP51A EZFLO Solution Product code : ASP51A 2. Relevant identified uses of the substance or mixture and uses advised against 1.3. Details of the substance or mixture and uses advised against 1.3. Details of the substance or mixture and uses advised against 1.4. Energency telephone number Energency telephone number : Energency telephone number : 2.1. Cleastification of the substance or mixture OHS-US classification : Strict cleastification of the substance or mixture : OHS-US classification H315 Section Se		
Product code : ASP51A 1.2. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture Use of the substance/mixture : Laboratory chemical 1.3. Details of the supplier of the safety data sheet SIRCHIE SIRCHIE 100 Hunter Place Youngsville, NC 27596 - USA 7919-554-2246, 800-369-711 - F 919-554-2266, 800-899-8181 http://www.strche.com	Product form	: Mixture
1.2. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture : Laboratory chemical 1.3. Details of the supplier of the safety data sheet SiRCHE 100 Hunter Place Youngwille. NC 2758 - USA 17 81 > 554-224, 800 - 356-7311 - F 91 9-554-2266, 800 - 899-8181 Implivity Mixture Place 18. Emergency telephone number Emergency telephone number Emergency telephone number : 1.800.424.9300 CHEMTREC: 1.800.424.9300 CHEMTREC: 1.800.424.9300 SECTION 2: Hazard(5) identification Stin corresion/initiation Category 1 2.1. Classification Othe substance or mixture GHS-US classification 2.2. Label elements See set to 16 2.2. Label elements Edition (CHS-US) Ule xt of H statements : see section 16 Edition 2.2. Label elements Edition (CHS-US) Signal word (CHS-US) : Danger Contains : soduim doderybenzenesulfonate Hazard pictograms (GHS-US) : H315 - Causes skin initiation H318 - Causes skin initiation H318 - Causes skin initiation H328 - Causes skin initiation H318 - Causes skin initiation H328 - Causes skin initiation H318 - Causes skin initiati	Product name	: ASP51A EZFLO Solution
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1.3. Details of the supplier of the safety data sheet SIRCHIE 100 Hunter Place Youngsville, NC 27596 - USA 1 319-554-2248, 800-386-7311 - F 919-554-2268; 800-899-8181 http://www.sitchie.com 1.4. Emergency teleptone number Emergency number 1.800-424.9300 CHEMTREC: 1.800-424.9300 SECTION 2: Hazard(S) identification 2.1. Classification Skin corrosion/initiation Category 2 H315 Fell text of H statements: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Hazard pictograms (GHS-US) : Sodium dodecylenzenesulfonate Hazard statements (GHS-US) : Sodium dodecylenzenesulfonate Hazard statements (GHS-US) : P264 - Wash all exposed skin thoroughy after handing P280 - Ware yee protection, protective glores P302-PF322 - If on skin. Wash with pienty of water/ P302-PF322 - If on skin. Wash with pienty of water for several minutes. Remove contat lenses, if present and easy to do. Continue rinsing P310 - Immediatey call a pointo centerifodoct/ P32+P324 - Take off contaminated clothing and wash it before reuse 2.3. Other hazards Iskin iritation course: Get medica	1.2. Relevant identified uses of the sul	bstance or mixture and uses advised against
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Not applicable SECTION 3: Composition/Information on ingredients 3.1. Substance	No additional information available	
SECTION 3: Composition/Information on ingredients 3.1. Substance	2.4. Unknown acute toxicity (GHS US)	
3.1. Substance	Not applicable	
	SECTION 3: Composition/Informati	on on ingredients
Not applicable	3.1. Substance	
	Not applicable	
3.2. Mixture	3.2. Mixture	

Safety Data Sheet

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Name	Product identifier	%	GHS-US classification
AQUA	(CAS No) 7732-18-5	70 - 80	Not classified
sodium dodecylbenzenesulfonate	(CAS No) 25155-30-0	7.5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
sodium xylenesulfonate	(CAS No) 1300-72-7	2.5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
sec-Alcohol ethoxylate	(CAS No) 84133-50-6	1.5	Not classified
tripotassium hydrogen ethylenediaminetetraacetate	(CAS No) 17572-97-3	1.5	Not classified

Full text of H-phrases: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general :	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation :	Allow victim to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact :	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact :	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion :	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effects	both acute and delayed
Symptoms/injuries :	Not expected to present a significant hazard under anticipated conditions of normal use.
4.3. Indication of any immediate medical at	tention and special treatment needed
No additional information available	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media :	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
	Do not use a heavy water stream.
5.2. Special hazards arising from the subst	ance or mixture
	No data available.
5.3. Advice for firefighters	
· · · · ·	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting :	Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release measu	res
6.1. Personal precautions, protective equip	oment and emergency procedures
6.1.1. For non-emergency personnel	
0 91	Evacuate unnecessary personnel.
C F	
6.1.2. For emergency responders	
Protective equipment :	Equip cleanup crew with proper protection.
Emergency procedures :	Ventilate area.
6.2. Environmental precautions	
Prevent entry to sewers and public waters. Notify a	uthorities if liquid enters sewers or public waters.
6.3. Methods and material for containment	and cleaning up
Methods for cleaning up :	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

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SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.	
7.2. Conditions for safe storage, including any incompatibilities		
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.	
Incompatible products	: Strong bases. Strong acids.	
Incompatible materials	: Sources of ignition. Direct sunlight.	

SECTION 8: Exposure controls/personal protection

8.1. Control parameters		
ASP51A EZFLO Solution		
ACGIH	ACGIH TWA (ppm)	50 ppm
OSHA	OSHA PEL (TWA) (ppm)	50 ppm
AQUA (7732-18-5)		
Not applicable		
sodium dodecylbenzenesulfo	onate (25155-30-0)	
Not applicable		
sec-Alcohol ethoxylate (84133-50-6)		
Not applicable		
sodium xylenesulfonate (1300-72-7)		
Not applicable		
tripotassium hydrogen ethylenediaminetetraacetate (17572-97-3)		
Not applicable		

Exposure controls 8.2.

Personal protective equipment

: Avoid all unnecessary exposure. Gas mask. Gloves. Safety glasses.



Hand protection	: Wear protective gloves.	
Eye protection	: Chemical goggles or safety glasses.	
Respiratory protection	: Wear appropriate mask.	
Other information	: Do not eat, drink or smoke during use.	

SECTION 9: Physical and chemical properties

|--|

Physical state	: Liquid
Appearance	: Clear, colorless liquid.
Color	: Colorless
Odor	: Medicinal odour
Odor threshold	: No data available
рН	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available

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5 5	
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Solubility	 Soluble in water. Water: Solubility in water of component(s) of the mixture : sodium dodecylbenzenesulfonate: 25 g/100ml
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
9.2. Other information	

No additional information available

SECTION 10: Stability and reactivity		
10.1. Reactivity		
No data available.		
10.2. Chemical stability		
Stable under normal conditions.		
10.3. Possibility of hazardous reactions		
Not established.		
10.4. Conditions to avoid		
Direct sunlight. Extremely high or low temperatures.		
10.5. Incompatible materials		
Strong acids. Strong bases.		
10.6. Hazardous decomposition products		
ume. Carbon monoxide. Carbon dioxide.		
SECTION 11: Toxicological information		

SECTION 11: 1	oxicological	information

Information on toxicological effects 11.1.

: Not classified Acute toxicity

sodium dodecylbenzenesulfonate (25155-30-0)		
LD50 oral rat	438 mg/kg (Rat)	
ATE US (oral)	438.000 mg/kg body weight	
Skin corrosion/irritation	: Causes skin irritation.	
Serious eye damage/irritation	: Causes serious eye damage.	
Respiratory or skin sensitization	: Not classified	
Germ cell mutagenicity	: Not classified	
	Based on available data, the classification criteria are not met	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
	Based on available data, the classification criteria are not met	
Specific target organ toxicity (single exposure)	: Not classified	

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Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

Potential Adverse human health effects and symptoms

: Based on available data, the classification criteria are not met.

SECTION 12:	Ecological	information

Toxicity 12.1.

sodium dodecylbenzenesulfonate (25155-30-0)	
LC50 fish 1	0.99 mg/l (LC50; 96 h)
EC50 Daphnia 1	2.19 mg/l (EC50; 96 h)
Threshold limit algae 1	0.9 mg/l (EC50; 96 h)

12.2. Persistence and degrad	dability	
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	У	
ASP51A EZFLO Solution		
Persistence and degradability	Not established.	
sodium dodecylbenzenesulfonate (25	5155-30-0)	
Persistence and degradability	Readily biodegradable in water.	
sodium xylenesulfonate (1300-72-7)		
Persistence and degradability	Biodegradability in water: no data available.	
tripotassium hydrogen ethylenediam	inetetraacetate (17572-97-3)	
Persistence and degradability	Biodegradability in water: no data available.	
2.3. Bioaccumulative potential		
ASP51A EZFLO Solution		
Bioaccumulative potential	Not established.	
sodium dodecylbenzenesulfonate (25	5155-30-0)	
BCF fish 1	286 (BCF)	
BCF fish 2	130 (BCF)	
Log Pow	0.45 - 1.96	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	

sodium xylenesulfonate (1300-72-7)		
Bioaccumulative potential	No bioaccumulation data available.	
tripotassium hydrogen ethylenediaminetetraacetate (17572-97-3)		
tripotassium hydrogen ethylenediaminetetraa	cetate (17572-97-3)	

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects		
Effect on the global warming	: No known ecological damage caused by this product.	
Other information	: Avoid release to the environment.	
SECTION 13: Disposal considerations		
13.1. Waste treatment methods		

Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.

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SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT Not regulated for transport

TDG

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA No additional information available

EU-Regulations No additional information available

National regulations

No additional information available

15.3. US State regulations

No additional information available

SECT	ION 16: Other information		
Data so	urces	COUNCIL of 16 Decemb	1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE er 2008 on classification, labeling and packaging of substances and repealing Directives 67/548/EEC and 1999/45/EC, and amending 7/2006.
Training	advice	: Normal use of this produ	ct shall imply use in accordance with the instructions on the packaging.
Other in	Iformation	: None.	
Full text	of H-phrases:		
	H302		Harmful if swallowed

	H302	Harmful if swallowed
	H315	Causes skin irritation
	H318	Causes serious eye damage
	H319	Causes serious eye irritation
	H335	May cause respiratory irritation
NFPA he	alth hazard :	- Exposure could cause irritation but only minor residual

injury even if no treatment is given.

NFPA fire hazard NFPA reactivity

- : 1 Must be preheated before ignition can occur.
 : 0 Normally stable, even under fire exposure conditions,
 - and are not reactive with water.

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HMIS III Rating	
Health	: 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability	: 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)
Physical	: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
Personal Protection	: G G - Safety glasses, Gloves, Vapor respirator

SDS US (GHS HazCom 2012)

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.