

1st Ayd #416 Amber Dish Detergent

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 05/13/2015

Version: 1.0

1.1. Product identifier

Product name : 1st Ayd #416 Amber Dish Detergent

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Distributed by: 1st Ayd Corporation

1325 Gateway Drive

Elgin, IL 60124

1.4. Emergency telephone number

1-800-255-3924

2.1. Classification of the substance or mixture

Classification (GHS-US)

Skin Irrit. 2 H315

Eye Irrit. 2A H319

Aquatic Acute 3 H402

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H402 - Harmful to aquatic life

Precautionary statements (GHS-US) :

P264 - Wash ... thoroughly after handling

P273 - Avoid release to the environment

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P302+P352 - If on skin: Wash with plenty of water/...

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P321 - Specific treatment (see ... on this label)

P332+P313 - If skin irritation occurs: Get medical advice/attention

1st Ayd #416 Amber Dish Detergent

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

P337+P313 - If eye irritation persists: Get medical advice/attention
P362 - Take off contaminated clothing and wash it before reuse
P501 - Dispose of contents/container to ...

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Water	(CAS No) 7732-18-5	66	Not classified
Alkylbenzene Sulfonate, sodium salt		17	Not classified
sodium xylenesulfonate	(CAS No) 1300-72-7	5.3	Not classified
N,N-bis(hydroxyethyl)coco amides	(CAS No) 68603-42-9	5	Aquatic Acute 2, H401
SODIUM LAURETH SULFATE		4.2	Not classified
sodium hydroxide	(CAS No) 95077-05-7	2	Met. Corr. 1, H290 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Aquatic Acute 3, H402

Full text of H-phrases: see section 16

4.1. Description of first aid measures

No additional information available

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

5.1. Extinguishing media

1st Ayd #416 Amber Dish Detergent

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

No additional information available

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

No additional information available

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

No additional information available

7.1. Precautions for safe handling

No additional information available

7.2. Conditions for safe storage, including any incompatibilities

No additional information available

7.3. Specific end use(s)

No additional information available

8.1. Control parameters

Loft Amber Dish	
ACGIH	Not applicable
OSHA	Not applicable

1st Ayd #416 Amber Dish Detergent

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

AQUA (7732-18-5)	
ACGIH	Not applicable
OSHA	Not applicable

SODIUM LAURETH SULFATE	
ACGIH	Not applicable
OSHA	Not applicable

sodium xylenesulfonate (1300-72-7)	
ACGIH	Not applicable
OSHA	Not applicable

sodium hydroxide (1310-73-2)		
ACGIH	ACGIH Ceiling (mg/m ³)	2 mg/m ³
OSHA	Not applicable	

N,N-bis(hydroxyethyl)coco amides (68603-42-9)	
ACGIH	Not applicable
OSHA	Not applicable

Alkylbenzene Sulfonate, sodium salt	
ACGIH	Not applicable
OSHA	Not applicable

8.2. Exposure controls

No additional information available

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Mixture contains one or more component(s) which have the following colour(s): White Light brown Colourless to white Yellow to light brown
Odor	: There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour(s):

1st Ayd #416 Amber Dish Detergent

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Odourless Mild odour No data available on odour Characteristic odour

Odor threshold	: No data available
pH	: 7-7.6
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
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	: Water: Solubility in water of component(s) of the mixture : •: 42 g/100ml •: 40 g/100ml •:
Log Pow	: No data available
Log Kow	: 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

1st Ayd #416 Amber Dish Detergent

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

11.1. Information on toxicological effects

Acute toxicity : Not classified

sodium hydroxide (1310-73-2)	
LD50 dermal rabbit	1350 mg/kg (Rabbit; Literature)
ATE US (dermal)	1350.000 mg/kg body weight

N,N-bis(hydroxyethyl)coco amides (68603-42-9)	
LD50 oral rat	> 5000 mg/kg (Rat)

Alkylbenzene Sulfonate, sodium salt	
LD50 oral rat	> 2000 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	> 17.4 mg/l/4h (Rat)

1st Ayd #416 Amber Dish Detergent

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

12.1. Toxicity

sodium hydroxide (1310-73-2)	
LC50 fish 1	45.4 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Solution >=50%)

1st Ayd #416 Amber Dish Detergent

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

EC50 Daphnia 1	40.4 mg/l (48 h; Ceriodaphnia sp.; Nominal concentration)
LC50 fish 2	189 mg/l (48 h; Leuciscus idus)
TLM fish 1	99 mg/l (48 h; Lepomis macrochirus)
TLM fish 2	125 ppm (96 h; Gambusia affinis)

N,N-bis(hydroxyethyl)coco amides (68603-42-9)

LC50 fish 1	4 mg/l (96 h; Brachydanio rerio)
EC50 Daphnia 1	2.39 mg/l (48 h; Daphnia pulex)
EC50 Daphnia 2	4.2 mg/l (24 h; Daphnia magna)
Threshold limit algae 1	2.2 mg/l (96 h; Scenedesmus subspicatus)

Alkylbenzene Sulfonate, sodium salt

LC50 fish 1	> 100 mg/l (96 h; Poecilia reticulata)
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12.2. Persistence and degradability

sodium xylenesulfonate (1300-72-7)

Persistence and degradability	Biodegradability in water: no data available.
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sodium hydroxide (1310-73-2)

Persistence and degradability	Biodegradability: not applicable. No (test) data on mobility of the substance available.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

N,N-bis(hydroxyethyl)coco amides (68603-42-9)

Persistence and degradability	Readily biodegradable in water.
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Alkylbenzene Sulfonate, sodium salt

Persistence and degradability	Not readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.187 g O ₂ /g substance
Chemical oxygen demand (COD)	1.450 g O ₂ /g substance

12.3. Bioaccumulative potential

sodium xylenesulfonate (1300-72-7)

1st Ayd #416 Amber Dish Detergent

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Bioaccumulative potential	No bioaccumulation data available.
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sodium hydroxide (1310-73-2)	
Bioaccumulative potential	Bioaccumulation: not applicable.

N,N-bis(hydroxyethyl)coco amides (68603-42-9)	
Log Pow	3.52 (Calculated)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Alkylbenzene Sulfonate, sodium salt	
Bioaccumulative potential	No bioaccumulation data available.

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.

13.1. Waste treatment methods

No additional information available

Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

Additional information

Other information : No supplementary information available.

1st Ayd #416 Amber Dish Detergent

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

No additional information available

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

National regulations

1st Ayd #416 Amber Dish Detergent

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

No additional information available

15.3. US State regulations

Full text of H-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Met. Corr. 1	Corrosive to metals Category 1
Skin Corr. 1A	Skin corrosion/irritation Category 1A
Skin Irrit. 2	Skin corrosion/irritation Category 2
H290	May be corrosive to metals
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H319	Causes serious eye irritation
H401	Toxic to aquatic life
H402	Harmful to aquatic life

SDS US (GHS HazCom 2012)

1st Ayd #416 Amber Dish Detergent

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product