



UNIFIED SOLUTIONS FOR CLEANING

Safety Data Sheet AA SUDS DISH DETERGENT

SECTION 1: Identification

1.1 Product identifier

Product name	AA SUDS DISH DETERGENT
Product number	UGDAASU

1.3 Recommended use of the chemical and restrictions on use

Dish detergent

1.4 Supplier's details

Name	UNIFIED SOLUTIONS FOR CLEANING
Address	PO BOX 110-162 BROOKLYN , NY 11211 USA
Telephone	718-782-8800
Fax	718-782-8801

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Sodium hydroxide

Concentration $\geq 1 - \leq 2$ % (Weight)

Safety Data Sheet

AA SUDS DISH DETERGENT

Other names / synonyms	CAUSTIC SODA
EC no.	215-185-5
CAS no.	1310-73-2
Index no.	011-002-00-6

- Skin corrosion/irritation (chapter 3.2), Cat. 1A

H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H402	Harmful to aquatic life

2. Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs

Concentration	$\geq 3 - \leq 7$ % (Weight)
EC no.	287-494-3
CAS no.	85536-14-7

- Acute toxicity, oral (chapter 3.1), Cat. 4
- Skin corrosion/irritation (chapter 3.2), Cat. 1B

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage

3. Coconut Diethanolamine

Concentration	$\geq 3 - \leq 5$ % (Weight)
---------------	------------------------------

Other names / synonyms	Amides, coco, N,N-bis(hydroxyethyl)
EC no.	271-657-0
CAS no.	68603-42-9

- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Eye damage/irritation (chapter 3.3), Cat. 2A
- Toxic to reproduction (chapter 3.7), Cat. 1B
- Carcinogenicity (chapter 3.6), Cat. 2
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 2
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 3

4. Cocamidopropyl betaine

Concentration	$\geq 1 - \leq 3$ % (Weight)
---------------	------------------------------

Other names / synonyms	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs, inner salts
CAS no.	61789-40-0

- Eye damage/irritation (chapter 3.3), Cat. 1
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 2

H318	Causes serious eye damage
H401	Toxic to aquatic life

5. Diethanolamine

Concentration	$\geq 0.1 - \leq 0.4$ %
---------------	-------------------------

Safety Data Sheet

AA SUDS DISH DETERGENT

Other names / synonyms	2,2'-DIHYDROXYDIETHYLAMINE; 2,2'-IMINOBISETHANOL; 2,2'-IMINODIETHANOL; BIS-(2-HYDROXY)ETHYLAMINE; BIS-2-HYDROXYETHYLAMINE; DEA; DI(2-HYDROXYETHYL)AMINE; DIETHYLOLAMINE; DIOLAMINE; Ethanol, 2,2'-iminobis-; IMINODIETHANOL; NCI-C55174
EC no.	203-868-0
CAS no.	111-42-2
Index no.	603-071-00-1

- Acute toxicity, oral (chapter 3.1), Cat. 4
- Carcinogenicity (chapter 3.6), Cat. 2
- Eye damage/irritation (chapter 3.3), Cat. 1
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 3
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 3
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Specific target organ toxicity, repeated exposure (chapter 3.9), Cat. 2

H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure
H412	Harmful to aquatic life with long lasting effects

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if needed
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms/effects, acute and delayed

Not expected to present a significant hazard under anticipated conditions of normal use.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

No data available.

Safety Data Sheet

AA SUDS DISH DETERGENT

- 5.3 Special protective actions for fire-fighters**
Use water spray to cool unopened containers.

Further information
No data available.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**
Use personal protective equipment
- 6.2 Environmental precautions**
Do not let product enter sewers or public waters
- 6.3 Methods and materials for containment and cleaning up**
Soak up with inert absorbent material . Keep in suitable, closed containers for disposal.

Reference to other sections
See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

- 7.1 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**
Keep container tightly closed in a dry and well-ventilated place.

Specific end use(s)
No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- 1. Sodium hydroxide (CAS: 1310-73-2)**
PEL (Inhalation): 2 mg/m³; USA (OSHA)
OSHA Annotated Table Z-1, www.osha.gov
- 2. Sodium hydroxide (CAS: 1310-73-2)**
PEL (Inhalation): (C) 2 mg/m³; USA (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov
- 3. Sodium hydroxide (CAS: 1310-73-2)**
REL (Inhalation): (C) 2 mg/m³; USA (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov
- 4. Sodium hydroxide (CAS: 1310-73-2)**
TLV® (Inhalation): (C) 2 mg/m³; USA (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

- 8.2 Appropriate engineering controls**
General industrial hygiene practice.

- 8.3 Individual protection measures, such as personal protective equipment (PPE)**

Safety Data Sheet

AA SUDS DISH DETERGENT

Eye/face protection

Safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves.

Respiratory protection

No data available.

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter sewers or public waters

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Green liquid
Odor	No data available.
Odor threshold	No data available.
pH	7.5-8.5
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	1.04
Solubility(ies)	Water
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

Other safety information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Extremely high or low temperatures.

Safety Data Sheet

AA SUDS DISH DETERGENT

10.5 Incompatible materials

Strong acids

10.6 Hazardous decomposition products

Carbon oxides

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Not classified

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs

LD50 Oral - Rat - 1470 mg/kg

Citation: ECHA

LD50 Skin - Rat - 2000 mg/kg

Citation: ECHA

Skin corrosion/irritation

Mild skin irritant

Serious eye damage/irritation

Eye irritant

Respiratory or skin sensitization

Not classified

Germ cell mutagenicity

Not classified

Carcinogenicity

Not classified

Reproductive toxicity

Not classified

Summary of evaluation of the CMR properties

Not classified

STOT-single exposure

Not classified

STOT-repeated exposure

Not classified

Aspiration hazard

Not classified

Additional information

Not classified

SECTION 12: Ecological information

Toxicity

Safety Data Sheet

AA SUDS DISH DETERGENT

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal of the product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Disposal of contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer. Coconut oil diethanolamine

Massachusetts Right To Know Components

Sodium hydroxide

Chemical name: Diethanolamine

CAS number: 111-42-2

New Jersey Right To Know Components

Sodium hydroxide

Common name: DIETHANOLAMINE

CAS number: 111-42-2

Safety Data Sheet

AA SUDS DISH DETERGENT

Pennsylvania Right To Know Components

Sodium hydroxide

Chemical name: Ethanol, 2,2'-iminobis-

CAS number: 111-42-2

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SECTION 16: Other information

16.1 Further information/disclaimer

DISCLAIMER: 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, express 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 information for their particular purposes. In no event shall Unified Solutions For Cleaning be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Unified Solutions For Cleaning has been advised of the possibility of such damages.