

1. Product and Company Identification

Product Code:	4483	
Product Name:	SOLID MANUAL DISH DETERGENT	Revision: 03/29/2018
Product No:	4483-0205	Supersedes Revision: 07/25/2016
Manufacturer Information:		
Company Name:	Native Green LLC 180 A Engelwood Dr. Orion, MI 48359	Phone Number: (888)456-6444
Web site address:	nativegreen.com	
Emergency Contact:	Chemtrec, Reference: CCN203605	(800)424-9300
Information:	info@nativegreen.com	(888)456-6444

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 1
Specific Target Organ Toxicity (repeated exposure), Category 2



GHS Signal Word:	Danger
GHS Hazard Phrases:	H302 - Harmful if swallowed. H315 - Causes skin irritation. H318 - Causes serious eye damage. H373 - May cause damage to kidneys through prolonged or repeated exposure.
GHS Precaution Phrases:	P260 - Do not breathe mist or spray. P264 - Wash hands thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P280 - Wear eye protection.
GHS Response Phrases:	P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P302+352 - IF ON SKIN: Wash with plenty of soap and water. P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician. P310 - Immediately call a POISON CENTER or doctor/physician. P314 - Get medical attention/advice if you feel unwell. P321 - Specific treatment see appropriate section on this label. P330 - Rinse mouth. P332+313 - If skin irritation occurs, get medical advice/attention. P362 - Take off contaminated clothing and wash before re-use.
GHS Storage and Disposal Phrases:	P501 - Dispose of contents/container to trash after rinsing.

SAFETY DATA SHEET

SOLID MANUAL DISH DETERGENT

Potential Health Effects (Acute and Chronic):	Chronic exposure may cause liver damage. May cause kidney damage. May cause mild eye irritation.
Inhalation:	No hazard expected in normal industrial use.
Skin Contact:	Causes mild skin irritation.
Eye Contact:	May cause mild eye irritation.
Ingestion:	May cause irritation of the digestive tract.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
68603-42-9	Cocamide DEA {Amides,coco,N,N-bis(hydroxyethyl)}	30.0 -40.0 %
120-40-1	Dodecanamide, N,N-bis(2-hydroxyethyl)-	15.0 -25.0 %
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	15.0 -20.0 %
56-81-5	Glycerin {Glycerol}	2.0 -7.0 %
111-42-2	Diethanolamine {DEA; 2,2'-Imionodiethanol; Bis(2-hydroxyethyl)amine }	2.0 -7.0 %

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation:	Get medical aid if cough or other symptoms appear. Consult a physician.
In Case of Skin Contact:	Wash off with soap and plenty of water.
In Case of Eye Contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
In Case of Ingestion:	Get medical aid if irritation or symptoms occur. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person. Wash out mouth with water provided person is conscious.

Signs and Symptoms Of Exposure:	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
--	---

5. Fire Fighting Measures

Flash Pt:	NP
Explosive Limits:	LEL: N.A. UEL: N.A.
Autoignition Pt:	NP
Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or chemical foam.
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
Flammable Properties and Hazards:	No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:	Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Do not let this chemical enter the environment. Avoid runoff into storm sewers and ditches which lead to waterways. Environmental precautions. Do not let product enter drains. Soak up with inert absorbent material and dispose of as hazardous waste.
---	--

7. Handling and Storage

Precautions To Be Taken in Handling:	Do not ingest or inhale. Keep container tightly closed. Do not breathe spray or mist. User Exposure: Avoid prolonged or repeated exposure.
Precautions To Be Taken in Storing:	Store in a cool, dry place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68603-42-9	Cocamide DEA {Amides,coco,N,N-bis(hydroxyethyl)}	No data.	No data.	No data.
120-40-1	Dodecanamide, N,N-bis(2-hydroxyethyl)-	No data.	No data.	No data.
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	No data.	No data.	No data.
56-81-5	Glycerin {Glycerol}	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 10 mg/m3	No data.
111-42-2	Diethanolamine {DEA; 2,2'-Imionodiethanol; Bis(2-hydroxyethyl)amine }	No data.	TLV: 2 mg/m3	No data.

Respiratory Equipment (Specify Type):	Respirator protection is not normally required.
Eye Protection:	Safety glasses.
Protective Gloves:	Glove protection is not normally required.
Other Protective Clothing:	Protective garments not normally required.
Engineering Controls (Ventilation etc.):	No data available.
Work/Hygienic/Maintenance Practices:	Wash thoroughly after handling. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States:	<input type="checkbox"/> Gas <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid
Appearance and Odor:	Solid teal block Fragrant odor.
Melting Point:	> 110.00 C
Boiling Point:	NP
Decomposition Temperature:	NP
Autoignition Pt:	NP
Flash Pt:	NP
Explosive Limits:	LEL: N.A. UEL: N.A.
Specific Gravity (Water = 1):	No data.
Density:	~ 1.0 G/CM ³ at 25.0 C
Vapor Pressure (vs. Air or mm Hg):	NP
Vapor Density (vs. Air = 1):	NP
Evaporation Rate:	NP
Solubility in Water:	100%
Saturated Vapor Concentration:	NP
Viscosity:	NP
pH:	~ 7.5 - 9.0
Percent Volatile:	< 95.0 % by weight.
VOC / Volume:	0.0000 G/L

10. Stability and Reactivity

Stability:	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>
Conditions To Avoid - Instability:	Incompatible materials.
Incompatibility - Materials To Avoid:	Chlorine Bleach.
Hazardous Decomposition or Byproducts:	Carbon monoxide, oxides of sulfur, Carbon dioxide, Hazardous decomposition products formed under fire conditions.
Possibility of Hazardous Reactions:	Will occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>
Conditions To Avoid - Hazardous Reactions:	No data available.

11. Toxicological Information

Toxicological Information: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
68603-42-9	Cocamide DEA {Amides,coco,N,N-bis(hydroxyethyl)}	n.a.	2B	n.a.	n.a.
120-40-1	Dodecanamide, N,N-bis(2-hydroxyethyl)-	n.a.	n.a.	n.a.	n.a.
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	n.a.	n.a.	n.a.	n.a.
56-81-5	Glycerin {Glycerol}	n.a.	n.a.	n.a.	n.a.
111-42-2	Diethanolamine {DEA; 2,2'-Imionodiethanol; Bis(2-hydroxyethyl)amine }	n.a.	2B	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated under U.S. Department of Transportation regulations (29 CFR)

DOT Hazard Class:

UN/NA Number:

Packing Group:

II

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68603-42-9	Cocamide DEA {Amides,coco,N,N-bis(hydroxyethyl)}	No	No	No
120-40-1	Dodecanamide, N,N-bis(2-hydroxyethyl)-	No	No	No
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	No	Yes 1000 LB	No
56-81-5	Glycerin {Glycerol}	No	No	No
111-42-2	Diethanolamine {DEA; 2,2'-Imionodiethanol; Bis(2-hydroxyethyl)amine }	No	Yes 100 LB	Yes

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

68603-42-9	Cocamide DEA {Amides,coco,N,N-bis(hydroxyethyl)}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: Yes: Canc.
120-40-1	Dodecanamide, N,N-bis(2-hydroxyethyl)-	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
56-81-5	Glycerin {Glycerol}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

111-42-2 Diethanolamine {DEA; 2,2'-Imionodiethanol;
Bis(2-hydroxyethyl)amine }

CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes -
Inventory; CA PROP.65: Yes: Canc.

16. Other Information

Revision Date: 03/29/2018
Preparer Name: Regulatory Affairs

Hazard Rating System:

HEALTH		1
FLAMMABILITY		0
PHYSICAL		0
PPE		A

HMIS:

Additional Information About This Product: No data available.

This Product:

Company Policy or Disclaimer:

The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.