

Emerald

MSDS Number: G600A

Revision Date: 8/18/2014

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

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Product Name: Emerald
Revision Date: 8/18/2014
MSDS Number: G600A
Product Code: G600
Product Use: Liquid Laundry Detergent

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

2 HAZARDS IDENTIFICATION

Route of Entry:	Eyes, Skin, Inhalation, Ingestion
Target Organs:	NA
Inhalation:	May cause irritation of respiratory tract
Skin Contact:	May cause slight skin irritation
Eye Contact:	Irritating to eyes
Ingestion:	Can cause gastrointestinal irritation.

PERSONAL PROTECTION INDEX													
A					G	+ +							
B	+				H	+ + +							
C	+ +				I	+ +							
D	+ +				J	+ + +							
E	+ +				K	+ + +							
F	+ + +				X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions							
A		n		o		p		q		r		s	
Safety Glasses Splash Goggles Face Shield & Eye Protection Gloves Boots Synthetic Skin Full Suit													
t		u		w		y		z		Additional Information			
Dust Respirator Vapor Respirator Dust & Vapor Respirator Full Face Respirator Airline Hood													

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GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:

Health, Skin corrosion/irritation, 3
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3
Health, Acute toxicity, 5 Oral

GHS Phrases:

H316 - Causes mild skin irritation
H320 - Causes eye irritation
H335 - May cause respiratory irritation
H303 - May be harmful if swallowed

GHS Precautionary Statements:

P301 - IF SWALLOWED: _Drink 1 or 2 glasses of water. Do not induce vomiting. Consult a physician
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 - IF INHALED: _Move to fresh air. If symptoms persist, call a physician.
P305 - IF IN EYES: _Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name	OSHA (ppm)	ACGIH TLV(PPM)	Carcin. Ref.
68585-34-2	1-5%	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts	N/A	N/A	D
68081-81-2	1-5%	Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	N/A	N/A	D
61789-40-0	1-2%	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts	N/A	N/A	D

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4 FIRST AID MEASURES

Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.
Skin Contact: Wash with soap and water. If irritated, seek medical attention.
Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.
Ingestion: Do not induce vomiting. Drink two large glasses of water. Get immediate medical attention.

5 FIRE FIGHTING MEASURES

Flammability: None
Flash Point: > 200 Deg. F.
Burning Rate: ND
Autoignition Temp: ND
LEL: ND
UEL: ND

Extinguishing media: Foam, dry chemical, carbon dioxide, water

Special Fire fighting procedures: Wear self-contained breathing apparatus and protective clothing if needed.

Unusual Fire & Explosion Hazard: None

6 ACCIDENTAL RELEASE MEASURES

Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Scoop up material and place in a disposal container. Provide ventilation.

7 HANDLING AND STORAGE

Handling Precautions: Do not get in eyes, on skin, or on clothing. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practices.

Storage Requirements: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking. Avoid exposure to long periods of sunlight. Store in cool place. Store in a well-ventilated place. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: Local exhaust
Personal Protective Equip: HMIS PP, B | Goggles, Gloves
 Respiratory Protection: None needed for proper use in accordance with label directions.
 Protective gloves: Chemical Resistant/ rubber
 Eye protection: Safety glasses/ goggles

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, green	Odor:	Floral
Physical State:	Liquid	Solubility:	Complete
Spec Grav./Density:	(H2O=1): 1.03 +/- 0.1	Flash Point:	> 200 Deg. F.
Flammability:	Non-Flammable		
pH:	10.5 +/- 1		

10 STABILITY AND REACTIVITY

Stability: Stable. No dangerous reaction known under conditions of normal use.
Conditions to Avoid: Avoid Freezing or excessive heat.
Materials to Avoid: Strong oxidizers
Hazardous Decomposition: None under normal use
Hazardous Polymerization: Will not occur

11 TOXICOLOGICAL INFORMATION

Data summary for the components are as follows:

Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, (68585-34-2)
 C10-16-alkyl ethers, sodium salts

Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts (68081-81-2)

Eyes: Eye irritation
 Skin: Skin irritation
 Ingestion: Unknown
 Inhalation: Unknown
 Chronic Toxicity: No information available
 Carcinogenicity: Products are not listed
 Hazard Type: Skin/Eye irritant

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-N-coco acyl derivatives, inner salts (61789-40-0)
 LD50 Oral: 4900 mg/kg (Rat)

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ECOLOGICAL INFORMATION

No information on Ecotoxicity effects.

All surfactants used comply with the biodegradability criteria as laid down in Regulation(EC) No. 648/2004 on detergents.

Material is readily biodegradable.

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DISPOSAL CONSIDERATIONS

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

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TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated

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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, c10-16-alkyl ethers, sodium salts (68585342 1-5%) TSCA

*Benzenesulfonic acid, mono-c10-16-alkyl derivs., sodium salts (68081812 1-5%) TSCA

*1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts (61789400 1-2%) TSCA

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

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OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as carcinogen or potential carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal Data only
N/A = Not available N/D = Not determined