

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name GREEN UNIKLEEN 200

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Degreaser - General Purpose -Non-Aerosol

Uses advised against No information available

Details of the supplier of the safety datasheet

Supplier Name Ipax Atlantic LLC
Supplier Address 8301 Lyndon
St Detroit
MI
48238
US

Supplier Phone Number Phone:313-933-4211

Supplier Email info@ipax.com

Emergency telephone number

**Company Emergency
Phone Number** 800 933-4029




2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR1910.1200).

Skin corrosion/irritation	Category 4
Serious eye damage/eye irritation	Category 4

GHS Label elements, including precautionary statements

Emergency Overview		
Signal word Hazard Statements Causes minor skin irritation Causes minor eye irritation 	Warning	Appearance Green Physical State Liquid Odor Very faint

Precautionary Statements -Prevention

Wash face, hands and any exposed skin thoroughly after handling; Wear protective gloves/protective clothing/eye protection/face protection; Wear eye/face protection

Precautionary Statements -Response

Specific treatment (see supplemental first aid instructions on this label)

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention

Skin

IF ON SKIN: Wash with plenty of soap and water
 If skin irritation occurs: Get medical advice/attention
 Take off contaminated clothing and wash before reuse

Precautionary Statements -Storage

None

Precautionary Statements -Disposal

None



Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

5% of the mixture consists of ingredient(s) of unknown toxicity

Other information

Harmful to aquatic life with long lasting effects

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-% *
Water	7732-18-5	79 - 93
2-Butoxyethanol	111-76-2	2 - 4
Tetrapotassium Pyrophosphate	7320-34-5	3 - 7
Ethanolamine	141-43-5	1 - 5
Dodecylbenzenesulfonic Acid	27176-87-0	1 - 5

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures**General Advice**

Show this safety data sheet to the doctor in attendance.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.

Skin contact

Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

Inhalation

Remove to fresh air. Get medical attention immediately if symptoms occur.

Ingestion

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

Self-protection of the first aider

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section8).

Most important symptoms and effects, both acute and delayed**Most Important Symptoms and Effects**

Burning sensation.

Indication of any immediate medical attention and special treatment needed**Notes to Physician**

Treat symptomatically.



5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Uniform Fire Code

Irritant: Liquid

Hazardous Combustion Products

Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge No.

Protective equipment and precautions for fire fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.

Other Information

Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental precautions

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.



7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products Strong acids. Strong oxidizing agents. Strong bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Chemical Name	ACGIHTLV	OSHAPEL	NIOSHIDLH
2-Butoxyethanol 111-76-2	TWA: 20ppm	TWA: 50ppm TWA: 240mg/m ³ (vacated) TWA: 25ppm (vacated) TWA: 120mg/m ³ (vacated)S*	IDLH: 700ppm TWA: 5ppm TWA: 24mg/m ³
Ethanolamine 141-43-5	STEL: 6ppm TWA: 3ppm	TWA: 3ppm TWA: 6mg/m ³ (vacated) TWA: 3ppm (vacated) STEL: 6ppm (vacated) STEL: 15mg/m ³ (vacated) STEL: 15mg/m ³	IDLH: 30ppm TWA: 3ppm TWA: 8mg/m ³ STEL: 6ppm STEL: 15mg/m ³

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection If splashes are likely to occur: Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Liquid	Odor	Very faint
Appearance	Green	Odor	N/A
Color	Green	Threshold	

Property	Values	Remarks	Method
pH	10.0	None known	
Melting / freezing point	No data available	None known	
Boiling point / boiling range	104 °C / 220°F	None known	
Flash Point	No flash point to boiling (104 °C / 220 °F)	None known	
Evaporation Rate available	No data	None known	None known
Flammability (solid, gas)	No data available		
Flammability Limit in Air			
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density available	No data	None known	None known
Specific Gravity	1.01		
Water Solubility	Completely soluble	None known	
Solubility in other solvents	No data available		
Partition coefficient: n-octanol/water	No data available		
Autoignition temperature	No data available		
Decomposition temperature	No data available		
Kinematic viscosity	No data available		
Dynamic viscosity	No data available	None known	
Explosive properties	No data available		
Oxidizing properties	No data available		

Other Information

Softening Point	No data available
VOC Content(%)	No data available
Particle Size	No data available
Particle Size Distribution	

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.



Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

Strong acids. Strong oxidizing agents. Strong bases.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation.(based on components). May cause redness, itching, and pain.
Skin contact	Specific test data for the substance or mixture is not available. Causes skin irritation.(based on components). Prolonged contact may cause redness and irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information

Chemical Name	OralLD50	DermalLD50	InhalationLC50
Dodecylbenzene sulfonic acid 27176-87-0	= 500 mg/kg (Rat)	= 530 mg/kg (Rat)	-
2-Butoxyethanol 111-76-2	= 470 mg/kg (Rat)	= 220 mg/kg (Rabbit)	= 450 ppm (Rat) 4h
Ethanolamine141-43-5	= 1720 mg/kg (Rat)	= 1 mL/kg (Rabbit)	-

Information on toxicological effects

Symptoms Erythema (skin redness). May cause redness and tearing of the eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity None known.

Chemical Name	ACGIH	IARC	NTP	OSHA
2-Butoxyethanol 111-76-2	A3	Group3		

Reproductive toxicity No information available.



STOT – single exposure	No information available.
STOT – repeated exposure	No information available.
Chronic Toxicity	No known effect based on information supplied. Carcinogenic potential is unknown.
Target Organ Effects	Respiratory system. Eyes. Skin.
Aspiration Hazard	No information available

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATE mix (oral)

5,578.00 mg/kg ATE

mix (dermal) 8,927.00
mg/kg(ATE)

ATE mix (inhalation-gas)

56,250.00 ppm (4 hr)

ATE mix (inhalation-dust/mist)

18.80 mg/L

ATE mix (inhalation-vapor)

138.00 ATE mix

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Dodecylbenzenesulfonic acid 27176-87-0	96 h EC 50: = 29 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 10.8mg/L (Oncorhynchus mykiss) 96 h LC 50: 3.5 - 10 mg/L (Brachydaniorerio)		48 h EC 50: = 5.88 mg/L
2-Butoxyethanol 111-76-2		96h LC50: = 1490mg/L (Lepomis macrochirus) 96hLC50: = 2950mg/L (Lepomis macrochirus)		48h EC50: > 1000 mg/L24hEC50: 1698 - 1940mg/L
Ethanolamine 141-43-5	72h EC50: = 15mg/L Desmondosmus subspicatus	96h LC50: = 3684mg/L (Brachydanio rerio)96hLC50: 300 - 1000mg/L (Lepomis)	EC50 = 110 mg/L 17h EC50 = 12200 mg/L 2h EC50 = 13.7 mg/L 30min	48h EC50: = 65mg/L
Tetrapotassium Pyrophosphate 7320-34-5		96h LC50: > 100mg/L (Oncorhynchusmykiss)		48h EC50: > 100mg/L

Persistence and Degradability

No information available.

Bioaccumulation

Chemical Name	Log Pow
2-Butoxyethanol 111-76-2	0.81
Ethanolamine141-43-5	-1.91



Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations(40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

California Hazardous Waste Codes 331

14. TRANSPORT INFORMATION

<u>DOT</u>	NOTREGULATED
Proper Shipping Name	NONREGULATED
Hazard Class	N/A

<u>TDG</u>	Not regulated
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<u>MEX</u>	Not regulated
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<u>ICAO</u>	Not regulated
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<u>IATA</u>	Not regulated
Proper Shipping Name	NONREGULATED
Hazard Class	N/A

<u>IMDG/IMO</u>	Not regulated
Hazard Class	N/A

<u>RID</u>	Not regulated
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<u>ADR</u>	Not regulated
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<u>ADN</u>	Not regulated
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15. REGULATORY INFORMATION**International Inventories**

TSCA Complies

DSL All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b)Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations**SARA313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical



or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations. Part 372

Chemical Name	CAS No	Weight-%	SARA 313 -Threshold Values%
2-Butoxyethanol -111-76-2	111-76-2	3 -7	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40CFR122.21 and 40 CFR122.42)

Chemical Name	CWA -Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA -Hazardous Substances
Dodecylbenzenesulfonic acid 27176-87-0	1000 lb			X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Dodecylbenzene sulfonic acid 27176-87-0	1000 lb.		RQ 1000 lb final RQ 454 kg finalRQ

US State Regulations

California Proposition65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Dodecylbenzene sulfonic acid 27176-87-0	X	X	X	X	
2-Butoxyethanol 111-76-2	X	X	X	X	X
Ethanolamine141-43-5	X	X	X		X

International Regulations

Mexico

National occupational exposure limits

Component	Carcinogen Status
2-Butoxyethanol 111-76-2 (3 - 7)	

Exposure Limits

Mexico: TWA 26ppm
 Mexico: TWA 120mg/m3
 Mexico: STEL 75ppm
 Mexico: STEL 360mg/m3
 Mexico: TWA 3ppm
 Mexico: TWA 8mg/m3
 Mexico: STEL 6ppm
 Mexico: STEL 15mg/m3

Ethanolamine 141-43-5 (1 - 5)

Mexico—Occupational Exposure Limits--Carcinogens

Canada

WHMIS Hazard Class

Not determined



16. OTHER INFORMATION

NFPA	Health Hazards	1	Flammability	0	Instability	0	Physical and Chemical Hazards
HMIS	Health Hazards	1	Flammability	0	Physical Hazard	0	Personal Protective Equipment X

Prepared By	Product Stewardship 23 British American Blvd. Latham, NY12110 1-800-572-6501
Revision Date	10-20-AD 2020
Revision Note	No information available

Disclaimer

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End of Safety Data Sheet