



**IPAX ATLANTIC LLC**

**SAFETY DATA SHEET**

**Product Name: Green 4 Laundry**

**Effective Date: 01/27/2017**

**SDS#: 1213**

**Page 1 of 11**

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

*Ipax (hereinafter, and for the purposes of this MSDS only to Ipax Atlantic LLC encourages and expects you to read and understand the entire SDS, as there is important information throughout the document. Ipax expects you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.*

**1.1 IDENTIFICATION**

**Product Name GREEN 4 LAUNDRY #1213**

**1.2 COMPANY IDENTIFICATION**

**Ipax Atlantic LLC  
8301 Lyndon Street  
Detroit, MI 48238**

**1.3 EMERGENCY TELEPHONE NUMBER**

**24-HOUR EMERGENCY TELEPHONE NUMBER: (800) 930-4729**

**Customer Information Number (313) 933-4211**

**Email: [info@ipax.com](mailto:info@ipax.com)**

**2. HAZARDS IDENTIFICATION**



**2.1 EMERGENCY OVERVIEW**

<b>Appearance</b>	<b>Green Liquid</b>
<b>Physical</b>	<b>Liquid</b>
<b>Hazards of product</b>	<b>None</b>

**2.2 POTENTIAL HEALTH EFFECTS**

**Effects of Single Acute Overexposure**

**Inhalation:** Mist may cause minor irritation of the respiratory tract, experienced as nasal discomfort and discharge.

**Eye Contact:** May cause minor eye irritation.

**Skin contact:** Skin contact is not irritating.

**Skin Absorption:** Wash with warm water.

**Swallowing:** May cause abdominal discomfort, Discourage vomiting, drink plenty of water.

**Chronic, Prolonged or Repeated Overexposure**

**Effects of Repeated Overexposure:** Repeated skin contact may cause minor irritation.

**Other Effects of Overexposure:** None currently known.

**Medical Conditions Aggravated by exposure**

A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions. See Section 11 for toxicological information and additional information about potential health effects.

2.3 POTENTIAL ENVIRONMENTAL EFFECTS

**3. COMPOSITION INFORMATION**

<i>Component</i>	<i>CAS#</i>	<i>Amount (%W/W)</i>
<i>Dodecylbenzene Sulfonic Acid</i>	<i>27176-87-0</i>	<i>&lt;4</i>
<i>Nonionic Surfactant</i>	<i>26027-38-3</i>	<i>&lt;4</i>
<i>Inert (Distilled Water)</i>	<i>7732-185</i>	<i>&gt;85</i>
<i>Tetrapotassium Pyrophosphate</i>	<i>7320-34-5</i>	<i>&lt;5</i>
<i>Sodium Xylene Sulfonate</i>	<i>1300-72-7</i>	<i>&lt;2</i>
<i>Ethanol</i>	<i>64-17-5</i>	<i>&lt;0.2</i>

**4. FIRST AID PROCEDURES**

**4.1 INHALATION**

*None needed*

**4.2 EYE CONTACT**

*RINSE THOROUGHLY. Seek medical attention if necessary.*

**4.3 SKIN CONTACT**

*Wash with warm water.*



**4.4 SWALLOWING**

*Give patient two glasses of water. DO NOT INDUCE VOMITING. Obtain medical attention.*

**4.5 NOTES TO PHYSICIAN**

*If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration.*

**5. FIRE FIGHTING MEASURES**

**5.1 FLAMMABLE PROPERTIES – REFER TO SECTION 9, PHYSICAL AND CHEMICAL PROPERTIES**

**5.2 EXTINGUISHING MEDIA**

*Fire extinguishing agents: None*

*Extinguishing agent to be avoided: None*

*Special preventative measures in case of fire: None*

**5.3 FIRE FIGHTING PROCEDURES**

*Do not direct a solid stream of water or foam into hot, burning pools; this may cause frothing and increase fire intensity.*

**5.4 SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS**

*Use self-contained breathing apparatus and protective clothing.*

**5.5 UNUSUAL FIRE AND EXPLOSION HAZARDS**

*NONE*

**5.6 HAZARDOUS COMBUSTION PRODUCTS**

*NONE*

**6. ACCIDENTAL RELEASE MEASURES**

**Steps to be taken if Material is released or spilled:**

*Contain spills immediately with inert materials (e.g., sand, earth). Hose away with water: same as detergent.*

**7. HANDLING AND STORAGE**

**7.1 HANDLING**

**General Handling**

Do not get in eyes.

Do not swallow.

**Ventilation**

Provide general ventilation to control airborne levels below the exposure guidelines.

**Other Precautions**

No other precautions are required.

**Storage**

Store in accordance with good industrial practices. Normal care should be taken to minimize risk of damage.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**8.1 EXPOSURE LIMITS**

<b>Component</b>	<b>Exposure Limits</b>	<b>Skin Form</b>
Ethanol (64-17-5)	PEL OSHA	1000 ppm
	ACGH STEL	1000 ppm
	NIOSH TWA	1000 ppm

**8.2 PERSONAL PROTECTION**

**Respiratory Protection:** Atmospheric levels should be maintained below the exposure guideline. When airborne exposure guidelines and/or comfort levels may be exceeded, used an approved air-purifying respirator.

**Ventilation:** Provide general and/or local exhaust ventilation to control air borne levels below the exposure level.



**9. PHYSICAL AND CHEMICAL PROPERTIES**

<i>Physical State:</i>	<i>Liquid</i>
<i>Appearance:</i>	<i>Green Liquid</i>
<i>Odor:</i>	<i>Mild</i>
<i>Flash Point</i>	<i>NONE</i>
<i>Flammable limits In Air:</i>	<i>Lower Not determined.</i>
	<i>Upper Not determined.</i>
<i>Auto ignition temperature:</i>	<i>Not currently available.</i>
<i>Vapor Pressure: @20C</i>	<i>0.353</i>
<i>Boiling Point</i>	<i>Not determined</i>
<i>Vapor Density (air-1)</i>	<i>1</i>
<i>Specific Gravity (H<sub>2</sub>O = 1)</i>	<i>1.06</i>
<i>Freezing point:</i>	<i>32 F</i>
<i>Melting Point:</i>	<i>Not applicable</i>
<i>Solubility in Water (by weight)</i>	<i>100%</i>
<i>pH (concentrate):</i>	<i>9.5 +/- 0.4</i>
<i>pH (1:8 dilution)</i>	<i>9.4 +/- 0.4</i>
<i>Molecular Weight:</i>	<i>Not applicable</i>
<i>Evaporation rate</i>	<i>Not applicable</i>
<i>Percent Volatiles:</i>	<i>0</i>

## 10. STABILITY AND REACTIVITY

**10.1 STABILITY/INSTABILITY**     *Stable*

**Conditions to Avoid:**                     *Prolonged excessive heat may cause product decomposition.*

**Incompatible Materials:**                 *N/A*

**10.2 Hazardous polymerization:**         *Will not occur*

## 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY – Not applicable**

**Inhalation:**                                 *No inhalation hazard*

**Irritation:**                                  *Designed for skin contact*

**SIGNIFICANT DATA WITH POSSIBLE RELEVANCE TO HUMANS:**         *The test substance, Green Unikleen H.D. Degreaser, Parts cleaner, was not corrosive when applied to the eyes of albino rabbits. Green Unikleen H.D. Degreaser, parts cleaner, did not cause opacity or injury in depth when applied to the eye. There was transient slight iritis. At 72 hours, there was no corneal involvement and the eyes were not positive irritation. The test substance Green Unikleen H.D. Degreaser, Parts cleaner is not corrosive (Federal Hazardous Substances Act Regulations 16 CFR 1500.42).*

## 12. ECOLOGICAL INFORMATION

### 12.1 ENVIRONMENTAL FATE

*Based on the dilutions of 200x, 400x, 500x, and 100x, to achieve a COD of 750 mg/L. the sample would need to be diluted approximately 1.90. Biological Degradability: 100%. Environmental measures: NONE*

### 12.2 ECOTOXICITY

*About the substance, itself: Not applicable under actual EEC guidelines for preparations*

*General Information: See ingredients under section 2*

*Calculated acute toxicity: N/D*

**12.3 FURTHER INFORMATION:** Risks connected to the preparation and its hazardous components: None

Composition by regulation (EC) No. 648/2004:

This safety information sheet has been complied in accordance with EEC guide lines. It has been complied with the utmost care, we cannot, however, accept responsibility for damage, of any kind, that may be caused by using this data or the product concerned.

Preventative measures: Keep out of the reach of children.

### **13. DISPOSAL CONSIDERATIONS**

Normal care should be taken to minimize risk of damage.

Packing materials to be avoided: NONE

Measures in case of leakage: Dilute with water.

Not hazardous waste, same as detergent.

### **14. TRANSPORT INFORMATION**

<b><u>DOT</u></b> Proper Shipping Name	NOT REGULATED
<b>Hazard Class</b>	NOT REGULATED
<b><u>TDG</u></b>	Not Regulated
<b><u>MEX</u></b>	Not Regulated
<b><u>ICAO</u></b>	Not Regulated
<b><u>IMDG/MO</u></b>	Not Regulated
<b>Hazard Class</b>	N/A
<b><u>RID</u></b>	Not Regulated
<b><u>ADR</u></b>	Not Regulated
<b><u>AND</u></b>	Not Regulated



**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

DS/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains no chemicals which are subject to their reporting requirements of the Act and title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/313 Hazard Categories**

<i>Acute Health Hazard</i>	<i>No</i>
<i>Chronic Health Hazard</i>	<i>No</i>
<i>Fire Hazard</i>	<i>No</i>
<i>Sudden release of pressure hazard</i>	<i>No</i>
<i>Reactive Hazard</i>	<i>No</i>

**CWA (Clean Water Act)**

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

<i>Chemical Name</i>	<i>CWA-Reportable Quantity</i>	<i>CWA-Toxic Pollutants</i>	<i>CWA-Priority Pollutants</i>	<i>CWA-Hazardous substances</i>
<i>Dodecylbenzene Sulfonic Acid 27176-87-0</i>	<i>100 lb.</i>			<i>X</i>

**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) (10 CFR302).

<i>Chemical Name</i>	<i>Hazardous Substances Reportable Quantities</i>	<i>Extremely Hazardous Substance</i>	<i>Reportable Quantities</i>
<i>Dodecylbenzene Sulfonic Acid 27176-87-0</i>	<i>1000 lb.</i>		<i>1002 lb. (454 kg)</i>

**US State Regulations**

**California Proposition 65**      *This Product does not contain any Proposition 65 chemicals.*

**U.S. State Right-to-Know Regulations**

<i>Chemical Name</i>	<i>New Jersey</i>	<i>Massachusetts</i>	<i>Pennsylvania</i>	<i>Rhode Island</i>	<i>Illinois</i>
<i>Dodecylbenzene Sulfonic Acid 27176-87-0</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	
<i>Ethanol 64-17-5</i>		<i>x</i>	<i>x</i>	<i>x</i>	

**International Regulations**

*Canada*

*WHMIS Hazard Class*

*Not determined*

**16. OTHER INFORMATION**

*NRPA      Health Hazards 0      Flammability 0      Instability 0      Physical & Chemical Hazards*

*HIMS      Health Hazards 0      Flammability 0      Physical Hazard 0      Personal Protection*

**Product Name: Green 4 Laundry**

**Effective Date: 01/27/2017**

**SDS#: 1213**

**Page 11 of 11**

---

**Prepared By**

***Ipax Atlantic LLC***

***8301 Lyndon Avenue***

***Detroit, Michigan***

***1-800-930-IPAX (4729)***

**Revision Date**

***September 06, 2016***

**Revision Note**

***No information available***

***Disclaimer***

*The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling. Use, processing, storage, transportation, disposal and release and is not to be valid for such material used in combination with any other materials or in any process, unless specified in the text.*



*The supplier identified below generated this SDS using the UL SDS template. UL did not test, certify, or approve the substance described in this SDS, and all information in this SDS was provided by the supplier or was reproduced from publicly available regulatory data sources. UL makes no representation or warranties regarding the completeness or accuracy of the information on this SDS and disclaims all liability in connection with the use of the information or the substance described in this SDS. The layout, appearance and format of this SDS are © 2014 UL LLC. All rights reserved.*

***End of Safety Data Sheet***