



# SAFETY DATA SHEET

Issue Date 1-July-2013

Revision Date 11 January 2019

Version 3

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** AEROGREEN 4120 Heavy Duty Industrial Floor Cleaner  
**Other Means of Identification** Aero-Green, HD Industrial Floor Cleaner  
**Product Code** 4120

**Recommended Use of the Mixture and Restrictions on Use** Recommended Use :  
Cleaning industrial floors, manually and in automated floor cleaning equipment

### **Details of the Supplier of the Safety Data Sheet**

**Supplier Address**  
Hi-Lite Solutions  
P.O. Box 399  
1285 Brucetown Road  
Clear Brook VA 22624

### **Emergency Telephone Number**

**Company Phone Number** 1-540-450-8375  
**Emergency Telephone** 1-540-450-8375

## 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

**Classification according to Regulation EC No 1272/2008 CLP:**

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.

**Labeling:** Labeling according to Regulation EC No 1272/2008 CLP: Void

**Hazard pictograms:** Void

**Signal word:** Void

**Hazard Statements:** Void

**Precautionary statements:** P102 Keep out of reach of children

**Regulation (EC) No 648/2004 on detergents/ labeling for contents:** Non applicable.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures No hazardous ingredients

Description: Mixture consisting of substances that either not classified or not required to be stated in the Safety data Sheet according to Reg. (EU) 830/2015.

Composition Data Sheets (CDS) are available upon request identifying all ingredients.

\*\*\* As outlined in "The Hazard Communication Standard (HCS) (29 CFR 1910.1200(g)), revised in 2012," states that the chemical name and concentration (i.e. exact percentage) of all ingredients which are classified as health hazards and are: Present above their cut-off/concentration limits or Present a health risk below the cut-off/concentration limits are not to be listed .

### 4. FIRST AID MEASURES

#### First Aid Measures

<b>Inhalation</b>	If adverse effect occurs, move to fresh air
<b>Eye Contact</b>	Flush with plenty of water. After 5minutes of flushing, remove contact lenses, if present. Continue flushing for at least 10 more minutes. If irritation persists seek medical attention.
<b>Ingestion</b>	Drink plenty of water to dilute.
<b>Skin Contact</b>	If adverse effect occurs, rinse skin with water.

#### Indication of any Immediate Medical Attention and Special Treatment Needed

<b>Note to Physicians</b>	This is relatively innocuous substance not expected to cause harm. Should treatment ever be required, it would be directed at control of symptoms.
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### 5. FIRE-FIGHTING MEASURES

This formula is stable, non-flammable, and will not burn. No special procedures necessary

Flammability:	Non-flammable
Flash Point:	Non-flammable
Suitable Extinguishing Media:	Use Dry chemical, CO <sub>2</sub> , water spray or "alcohol" foam.
Extinguishing Media to Avoid	High volume jet water.
Special Exposure Hazards:	In event of fire created carbon oxides, oxides of phosphorus may be formed.
Special Protective Equipment:	Wear positive pressure self-contained breathing apparatus; Wear full protective clothing.

#### Specific Hazards Arising from the Chemical

None known. Cool containers exposed to flames with water until well after the fire is out.

#### Protective Equipment and Precautions for Firefighters

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**

<b>Personal Precautions</b>	See Section # 8. Personal Protection: Use personal protective equipment as required.
<b>Environmental Precautions</b>	Do not allow into open waterways or ground water systems..
<b>Methods Cleaning Up</b>	Dilute with water and rinse into sanitary sewer system or soak up with inert absorbent material.

**7. HANDLING AND STORAGE****Precautions for Safe Handling**

<b>Storage Conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.
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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Exposure Guidelines</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
	No reportable ingredients	

**Appropriate Engineering Controls**

<b>Engineering Controls</b>	Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. Showers. Eyewash stations.
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**Individual Protection Measures, such as Personal Protective Equipment**

**Skin and Body Protection:** Butyl rubber or other impervious gloves should be used for prolonged exposure or for dermal sensitive individuals are required.



**Eye/Face Protection:** Wear approved safety goggles if splashing or spray back is likely.

**Respiratory:** Use in well ventilated area. Use suitable respiratory protective device in case of insufficient ventilation

**General Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

Physical State	Liquid
Appearance	Green Liquid
Color	Green
Odor	Characteristic
Odor Threshold	Not Determined
Boiling Point	F: 212 C: 100
Evaporation Rate	<1
Basis (Butyl Acetate-1)	100%
Solubility in Water	F: <32
Freezing Point	C: <0
Percent Solid By Weight	Not Established
pH of Concentrate	11.8-12.4
pH of Diluted 1:3 with water	10.9-11.9
Vapor Pressure (mmHg)	F:77 0.62
20@14.2 mmHg	
Vapor Density (Air=1)	1.01
Specific Gravity (H2O=1)	
VOC SCAQMD Method 313.91	47gm/l
In Concentrate	15gm/l
Diluted 2:1 with water	0.2536662132 at 47 gm/l
VOC Content by Weight	0.083454044518 at 15 gm/l
Diluted 2:1 with water	0.0005 to 0.05
Weight Per Gallon	8.45 lbs/per gallon

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to Avoid**

None under normal conditions

**Incompatible Materials**

None Known

**Hazardous Decomposition Products**

Normal products of combustion-Co, Co2.

## 11. TOXICOLOGICAL INFORMATION

Effects of Exposure: Not expected to be hazardous under typical use conditions

Acute Toxicity: Oral  $LD_{50}$  (rat) >5 g/kg body weight  
 Dermal  $LD_{50}$  (rabbit) >5 g/kg body weight

Calculated via OECD Harmonized Integrated Classification System for Human Health & Environmental Hazards of Chemical Substance & Mixtures

**Eye Contact** Avoid contact with eyes. Minimal irritant per Ocular Irritation @ assay modeling.  
 No animal testing performed.

**Skin Contact** May cause dryness and irritation. Non-irritant per dermal irritation @ assay modeling.  
 No animal testing performed.

Carcinogens: No ingredients are listed by OSHA, IARC, or NTP as known or suspected carcinogens

## 12. ECOLOGICAL INFORMATION

Aquatic Toxicity: Low, based on OECD 201, 202, 203 + Microtox:  $EC_{50}$  &  $IC_{50}$  > 100 Mg/L

Terrestrial Toxicity: Low, based on toxicology profile

Persistence and degradability: Readily Biodegradable per 49 CFR 796.3100 Aerobic Aquatic Biodegradation

Mobility: No Data Available.

Bioaccumulation: Not Applicable

**Other Adverse Effects** Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

Unused Product: \* Dilute with water and dispose by sanitary sewer.  
 \* Used product may be hazardous depending on the cleaning application and resulting Contaminants.

Empty Containers: \* Triple-rinse with water and offer for recycling if available in your area.

\* \*Dispose of used or unused product, and empty containers in accordance with the local, State, Provincial, and Regulations for your location. Never dispose of used cleaning water, containing low concentrations of contaminants, resulting from the cleaning of containers etc. into lakes, streams, and open bodies of water or storm drains.

## 14. TRANSPORT INFORMATION

U.S. (DOT)/ Canadian TDG:	Not regulated for shipping
IMO/IDMG:	Not classified as hazardous
U.N. Number: ADR, ADN, IMDG, IATA :	Void
UN Proper Shipping Name ADR, ADN, IMDG, IATA:	Void
U.S. Shipping Class	55, cleaning compound.
Hazard Class(es) ADR, ADN, IMDG, IATA:	Void
Packing group ADR, ADN, IMDG, IATA:	Void
Environmental hazards:	Not applicable
Special precautions for user:	Not applicable
Transportation in bulk according to Annex 11 of Marpol and the IBC Code:	Not applicable
UN "Model Regulation"	Void

**15. REGULATORY INFORMATION**

**All components are listed on: EINECS, TSCA, DSL, AICS and NZIoC Inventory.** SARA Title III:

Sections 311/313 –Not applicable.

Sections 313 –Not applicable.

Sections 302 –Not applicable.

State Right to know lists: No ingredients listed

CA Prop 65: None Listed

Safety, health and environmental regulations/legislation specific for the substance or mixture

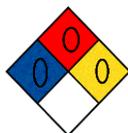
Detergent Regulation No. 648/2004/EC CLP Regulation No. 1272/2008/EC Regulation (EU) 2015/830

Regulation REACH (EC) 1907/2006

Constituents of the mixture that fall within the scope of REACH Regulation 1907/2006/EC, have been (pre)-registered. Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work. Council Directive 94/33/EC on the protection of young people at work, as amended. Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as amended Directive 2012/18/EU Named dangerous substances - ANNEX I  
None of the ingredients is listed

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by Canada’s Controlled Products Regulation.

**16. OTHER INFORMATION**



**NFPA/HMIS Rating:**  
**Health, Fire, Reactivity, and Special = 0 =minimal**

Part Number	Size	Warranty1 (one) Year Shelf Life
4110-QT	32-ounce bottle 12/case	Batch Code: Containers of this formula will be batch coded as follows: Lot # 111213 where
4110-Gal	Gallon Bottle 4/case	“1” Number of Batch Produced
4110-PI	5- Gallon Pail	“11” Month Batch is Produced
4110-Dr	55-Gallon Drum	“21” Day in the Month Batch is produced
4110-275T	275 Gallon Tote	“3” is the last digit of the year product produced
4110-330T	330 Gallon Tote	

.Prepared/Revised by: Hi-Lite Solutions Inc, Regulatory Department  
This SDS has been revised in the following sections: ALL

**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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

**End of Safety Data Sheet**