



SAFETY DATA SHEET

BLACKOUT

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation: BLACKOUT
Date of Safety Data Sheet: November 12, 2016
Use of Preparation: Cleaner
Company Identification: The Cleaning House
5973 Barton Street, E.
Hamilton, Ontario L8L 3C4

Company Emergency Telephone Number Emergency Phone: 905 532-9100

Transportation Emergency Telephone Number Emergency Phone: 905 532-9100

2. HAZARD IDENTIFICATION

Emergency Overview:

OSHA/ WHMIS 2014 Hazards:

Classification of substances or mixture

GHS-US/ Canadian classification:

Acute Toxicity 4 (Oral) H302

Skin Corrosion 1A H314

Eye Damage 1 H318

Skin sensitizer Category 1-H317

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS):



Signal Word (GHS): Danger

Hazard Statements (GHS):

H302 - Harmful if swallowed

H314 - Causes severe skin burns and eye damage

H317 - May cause allergic skin reaction.

H318 - Causes serious eye damage.

Precautionary Statements (GHS):

P260: Do not breathe mist, spray, and vapors.

P264: Wash hands, forearms, and exposed areas thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Contaminated work clothing must not be allowed out of the work place.



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P280: Wear face protection, protective clothing, protective gloves, and eye protection.

Response Statements (GHS):

P301+P310+P312+ P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Sodium metasilicate pentahydrate	10213-79-3	1-5	Skin Corrosion Category 1A - H314 Eye Damage / Irritant Category 1 H318
Ethylene Glycol Monobutyl Ether	111-76-2	1-5	Flammable liquid Category 4 Skin Irritation 2A-H315
Alcohol Ethoxylate	68131-39-5	3-7	Serious Eye Damage / Eye Irritation category 2 A-H319
D Limonene	5989-27-5	1-5	Acute Toxicity Category 4 (Oral) - H302 Skin Irritation Category 2 - H315 Skin Sensitizer Category 1-H317
Potassium salt of dodecylbenzene sulphonic acid	27177-77-1	1-5	Acute Toxicity Category 4 (Oral) - H302 Skin Irritation Category 2 - H315 Serious Eye Damage/Eye Irritation Category 2A - H319

4. FIRST AID MEASURES

General Advice:	Remove to fresh air. If symptoms persist, consult a doctor.
Eye Contact:	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse. Chemical burns must be treated by physician.
Ingestion:	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Immediately call a POISON CENTRE or doctor/physician.
Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Notes to Physician:	Treatment based on judgment of attending physician.
Most Important symptoms and effects, both acute and delayed:	Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Any standard extinguishing media (alcohol foam, water spray or fog, CO2 dry chemical, etc.).



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Unsuitable extinguishing media:	High volume/jet water.
Special exposure hazards:	Thermal decomposition releases irritating gases.
Special safety equipment:	Self-contained positive pressure breathing apparatus and protective clothing.
Fire and explosion	Not flammable. No explosion hazard.
Further information	Keep containers and surrounding cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

For Non-Emergency Personnel:

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel:

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up:

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

Reference to Other Sections:

See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Avoid splashes or spray in enclosed areas.

Prevent formation of aerosols.

Information about fire and explosion protection:

Keep respiratory protective device available.

No special measures required.

Conditions for safe storage, including any incompatibilities:

Storage: Acids, Oxidizers, reducing agents.

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Protect from humidity and water.

Unsuitable material for receptacle: steel and aluminium.

Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility:

Do not store together with alkaline products.

Store away from oxidizing agents.

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Keep container tightly sealed.

Specific end use(s) No further relevant information available.

Date: November 12, 2016

SDS: The Cleaning House - BLACKOUT



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate Engineering Controls:

Engineering Measures	Showers. Eyewash Stations. Ventilation Systems.
Respiratory protection:	Use local exhaust or dilution ventilation.
Hand protection:	Chemical resistant gloves.
Eye protection:	Safety goggles or full face shield.
Skin protection:	Use body-covering impervious clothing.
Working hygiene:	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.
Exposure guidelines:	None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

<u>Physical State</u>	Liquid	<u>Odour</u>	Citrus
<u>Appearance</u>	Clear	<u>Odour Threshold</u>	No data available.
<u>Colour</u>	Orange	<u>Remarks/Method</u>	
<u>Property</u>	<u>Values</u>		
pH	13.25 +/- 0.25	None known	
Melting/Freezing Point	No data available	None known	
Boiling Point/Range	No data available	None known	
Flash Point	Not applicable.	None known	
Evaporation Rate	Similar	None known	
Flammability (solid, gas)	Not flammable	None known	
Flammability Limit in Air:			
Upper Limit	No data available	None known	
Lower Limit	No data available	None known	
Vapour Pressure	No data available	None known	
Vapour density	No data available	None known	
Specific Gravity	1.016 g/cm ³		
Water Solubility	Soluble in water.	None known	
Solubility Other Solvents	No data available	None known	
Partition Coefficient:			
n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition	No data available	None known	
Temperature			
Kinematic Viscosity	No data available	None known	
Dynamic Viscosity	No data available	None known	
Explosive Properties	No data available	None known	
Oxidizing Properties	No data available	None known	
Other Properties:			
Softening Point	No data available		
VOC Content %	No data available		



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Particle Size No data available
Particle Size Distribution No data available

10. STABILITY AND REACTIVITY

Reactivity Stable at normal ambient temperature and pressure.
Chemical stability Stable under normal conditions.
Thermal decomposition/conditions to avoid: Reacts with acids reducing and oxidizing agents.
Possibility of hazardous reactions Avoid contact with oxidizers, reducing agents and acids.
Conditions to avoid Store away from oxidizing, reducing agents and acids.
Hazardous decomposition products Carbon dioxide and oxides of carbon.
Materials to avoid Oxidizing, reducing agents, acids.
Hazardous polymerization Will not occur

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects
Acute toxicity: Not classified.
LD/LC50 values relevant for classification
Not classified.
Primary irritant effect:
On the skin: Corrosive to skin.
On the eye: Strong caustic effect.
Ingestion: Unclassified.
Inhalation: Unclassified.
Sensitization: D limonene is a skin sensitizer.
Additional toxicological information: The product shows the following dangers according to the calculation method:
Corrosive to eye and skin.

12. ECOLOGICAL INFORMATION

Toxicity: Not available.
Persistence and Degradability: Not available
Bioaccumulative Potential: Not available
Mobility in Soil: Not available.
Other Adverse Effects Not available.
Other Information: Avoid release to the environment. All organic matter is readily biodegradable.

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.
Ecology – Waste Materials: Avoid release to the environment.

14. TRANSPORTATION INFORMATION



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U.S. Department of Transportation (DOT): Not Regulated
Canadian T.D.G.: Not Regulated
Water Transportation (IMO): Not Regulated
Air Transportation (IATA): Not Regulated

15. REGULATION

Occupational Health & Safety Regulations:

WHMIS 1988 Classification: Class D - Division 2B, Class E



OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	-
PICCS	Complies
AICS	Complies

Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

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

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Listed on the United States TSCA (Toxic Substances Control Act) inventory

U.S. State Regulations

California Prop. 65

This product does not contain any Proposition 65 chemicals.

HMIS III Rating

Health: 3 Serious Hazard



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Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: C

SDS US (GHS HazCom 2012 and WHMIS 2015)

16. OTHER INFORMATION

Prepared By: Technical Department.

Issuing Date: November 12, 2016

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet