

Black Out

SECTION 1. IDENTIFICATION

Product Identifier	Black Out
Other Means of Identification	700-BO
Other Identification	Bulk
Recommended Use	Multifunctional concentrate cleaner.
Manufacturer	The Cleaning House, 973 Barton St. E., Hamilton, Ontario, L2L 3C4, Shannon Morgan , (905) 547-2636
Emergency Phone No.	Poison Control: In Ontario, 1-800 268-9017 Poison Control: In Toronto, 416 813-5900
SDS No.	0714

SECTION 2. HAZARD IDENTIFICATION

Classification

Skin corrosion - Category 1C; Serious eye damage - Category 1

Label Elements



Signal Word:

Danger

Hazard Statement(s):

H301 Toxic if swallowed.

Corrosive to the respiratory tract.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves, eye protection.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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

P312 Call a POISON CENTRE/doctor/ if you feel unwell.

P405 Store locked up.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Sodium Metasilicate	6834-92-0	5-10	

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d-Limonene	5989-27-5	5-10	
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SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Remove clothing impregnated and wash carefully the skin with some water and some soap or use a known cleaner.

Eye Contact

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.
If there is any pain, redness or visual impairment, consult an ophthalmologist.

Ingestion

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

Specific Hazards Arising from the Product

Does not burn. Non flammable.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Consult the safety measures listed under headings 7 and 8.

Environmental Precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling:

The product can take care electrostatically during discharge or the filling

Fire prevention:

Prevent access by unauthorised personnel.

Conditions for Safe Storage

Storage:

Use before the expiration date

Keep the container tightly closed in a cool, well ventilated place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Avoid contact with eyes and skin.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance Clear yellow - orange.

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Odour	Citrus
pH	12.0 - 12.5
Melting Point/Freezing Point	> 0 °C (32 °F) (freezing)
Initial Boiling Point/Range	< 100 °C (212 °F)
Flash Point	> 100 °C (212 °F)
Evaporation Rate	Not applicable
Vapour Pressure	Not applicable
Vapour Density (air = 1)	Not applicable
Solubility	Soluble in water
Auto-ignition Temperature	Not applicable
Other Information	
Physical State	Liquid

SECTION 10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical Stability

This mixture is stable under the recommended handling and storage conditions in section 7.

Possibility of Hazardous Reactions

No data available.

Incompatible Materials

Keep away from :

- acids
- bases
- oxidising agents.

SECTION 11. TOXICOLOGICAL INFORMATION

No data available.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Sodium Metasilicate		1500-3200 mg/kg	
d-Limonene			> 5 mg/kg (rabbit)

LD50 = 3000 mg/kg

Species : Rat

Skin Corrosion/Irritation

May cause skin irritation.

Serious Eye Damage/Irritation

May cause eye irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

If misty, may cause irritation of mucous membranes, coughing and difficulty in breathing.

Ingestion

Accidental ingestion may cause burning pain in mouth, oesophagus and stomach due to alkaline nature of product.

SECTION 12. ECOLOGICAL INFORMATION

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Ecotoxicity

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Sodium Metasilicate	247 mg/L (Daphnia magna (water flea); 96-hour)			
d-Limonene	0.619-0.796 mg/L (Pimephales promelas (fathead minnow); 96-hour)			

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG		not regulated		
IATA (Air)		not regulated		
US DOT		not regulated		

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

WHMIS classification..... this is a controlled product.

CPR compliance..... this product has been classified in accordance with the hazard.

Criteria of the CPR and the MSDS contain all the information.

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Required by the CPR.

CEPA - National Pollutant Release Inventory (NPRI)

WHMIS Classification : E, D1B

This product has been classified in accordance with the hazard criteria of the controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

SECTION 16. OTHER INFORMATION

SDS Prepared By	technical service
Date of Preparation	June 14, 2018
Date of Last Revision	June 14, 2018
Key to Abbreviations	OSHA = US Occupational Safety and Health Administration NTP = National Toxicology Program NIOSH = National Institute for Occupational Safety and Health
References	Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).
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