



## Safety Data Sheet Sections

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SECTION 1: IDENTIFICATION	
<b>Product Trade Name:</b>	Maxim Smokleen
<b>Product Code:</b>	1401275
<b>Recommended Use:</b>	Smokehouse and bottle cleaner.
<b>Restrictions on Use:</b>	For Industrial and Institutional use only
<b>Manufacturer Name:</b>	Project Clean Inc.
<b>Manufacturer Address:</b>	1607 Derwent Way, Delta, B.C. Canada V3M 6K8
<b>Manufacturer Phone Number:</b>	<a href="tel:800-663-9925">800-663-9925</a>
<b>Email Address of Competent Person Responsible for the SDS:</b>	<a href="mailto:regulatory@projectclean.com">regulatory@projectclean.com</a>
<b>Emergency Phone Number/ 24-Hour Number:</b>	<b>For Transportation Emergencies:</b> Canutec <a href="tel:613-996-6666">613-996-6666</a> <b>Emergency Response Services:</b> Chemtrec <a href="tel:800-424-9300">800-424-9300</a>

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SECTION 2: HAZARD IDENTIFICATION	
<b>Physical Hazards:</b>	CORROSIVE TO METALS – Category 1
<b>Health Hazards:</b>	CORROSION/IRRITATION – Category 1
	EYE DAMAGE/IRRITATION – Category 1
<b>Label Elements:</b>	
<b>Signal word:</b>	DANGER
<b>Hazard Statement:</b>	H290 May be corrosive to metals.
	H314 Causes severe skin burns and eye damage.
	H318 Causes serious eye damage.
PRECAUTIONARY STATEMENTS	
<b>Prevention:</b>	P234 Keep only in original packaging.
	P260 Do not breathe dusts or mists.
	P264 Wash hands and affected area thoroughly after handling.
	P280 Wear protective gloves/protective clothing/eye protection/face protection.
<b>Responses:</b>	P390 Absorb spillage to prevent material damage.
	P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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SECTION 2: HAZARD IDENTIFICATION	
	P302 + P361 + P354 IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes.
	P363 Wash contaminated clothing before reuse.
	P304 + P340 + P316 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get emergency medical help immediately.
	P321 Specific treatment (see supplemental first aid information on this label).
	P305 + P351 + P338 + P317 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help.
<b>Storage:</b>	P405 Store locked up.
	P406 Store in a corrosion resistant container with a resistant inner liner.
<b>Disposal:</b>	P501 Dispose of contents/ container to an approved waste disposal plant.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS		
Ingredient	Approx. Wt.%	CAS Number
Sodium Hydroxide	45-70	1310-73-2
D-Glucopyranose, oligomeric, decyl octyl glycoside	1-5	68515-73-1

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SECTION 4: FIRST-AID MEASURES	
<b>General Information:</b>	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
<b>Inhalation:</b>	Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.
<b>Skin Contact:</b>	Immediately flush exposed area with plenty of water for at least 10 minutes. If irritation persists, or if contact has been prolonged, obtain medical attention. Remove contaminated clothing and launder before reuse.
<b>Eye Contact:</b>	Immediately flush with warm running water for at least 15 minutes, holding eyelids open during flushing. Remove contact lenses, if present and easy to do. If irritation persists, repeat flushing and obtain medical attention immediately.
<b>Ingestion:</b>	Do not induce vomiting. If the victim is fully conscious, give plenty of clean water to drink to dilute product. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing. Call a Physician.

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## SECTION 4: FIRST-AID MEASURES

<b>Self-Protection of the First Aider:</b>	Remove all sources of ignition. Ensure that first aid personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.
<b>Most Important Symptoms/ Effects, Acute and Delayed:</b>	<b>Ingestion:</b> Cause serious chemical injuries to upper gastrointestinal tract. <b>Inhalation:</b> May injure the pulmonary epithelium at various levels of the respiratory tract. <b>Eyes and skin:</b> Corrosive to eyes and skin. Burn and destroy body tissues on contact.
<b>If irritation occurs or persists, get medical attention.</b>	

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## SECTION 5: FIRE-FIGHTING MEASURES

<b>Extinguishing Media:</b>	Use extinguishing media suitable for surrounding fire.
<b>Flammability:</b>	Not flammable.
<b>Flash Point:</b>	Not flammable.
<b>Special Firefighting Procedures:</b>	Wear full protective equipment including a NIOSH/MSHA approved, self-contained breathing apparatus for firefighting situation. Use water spray to cool all nearby fire exposed surfaces.
<b>Unusual Fire / Explosion Hazards:</b>	None known.
<b>Hazardous Decomposition Products:</b>	Oxides of carbon, sodium.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Environmental Protection Precautions:</b>	Do not release to the environment or water source.
<b>Steps to be Taken in Case Material is Released or Spilled:</b>	Wear protective equipment. Soak up spills with absorbents, then dispose of in an appropriate waste container. Keep material away from sewers. Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.

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## SECTION 7: HANDLING AND STORAGE

<b>Precautions to be Taken in Handling and Storage:</b>	Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not
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## SECTION 7: HANDLING AND STORAGE

	mix with any other chemicals. Keep out of reach of children. Store at temperatures below 30°C and above 5°C. Do not store in metal containers.
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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

## EXPOSURE LIMITS:

OSHA (PEL): N/A	ACGIH TLV: N/A	Other exposure limit: N/A
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## INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT

<b>Appropriate Engineering Controls:</b>	Mechanical ventilation (dilution or local exhaust).
<b>Skin Protection:</b>	<b>Hand Protection:</b> Butyl rubber, neoprene, latex or nitrile gloves. <b>Other Skin Protection:</b> Personal protective equipment for the body should be selected based on the task being performed and the risks involved. Appropriate footwear should be selected based on the task being performed and the risks involved.
<b>Eye and Face Protection:</b>	Use chemical goggles or safety glasses.
<b>Respiratory Protection:</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Other Protective Equipment:</b>	Eye wash, safety shower and full protective clothing recommended in the immediate work area.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear, brown liquid.
<b>Odour:</b>	Almost odourless. No added fragrance.
<b>Odour threshold:</b>	N/A
<b>pH:</b>	> 13.0
<b>Melting point/Freezing point:</b>	N/A
<b>Initial boiling point and boiling range:</b>	100°C approximate.
<b>Flash Point:</b>	>100°C
<b>Evaporation Rate (Water=1):</b>	<1
<b>Flammability:</b>	Not flammable.
<b>Upper/Lower flammability or explosive limits:</b>	None
<b>Vapour pressure:</b>	N/A
<b>Vapour density:</b>	N/A

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Relative density/Specific gravity (Water = 1):	1.5 @ 20°C
Solubility(ies):	Soluble in water
Partition coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	Not flammable.
Decomposition temperature:	N/A
Viscosity:	N/A
VOCs%:	N/A

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Reactivity:	N/A
Chemical stability:	Stable under normal storage conditions
Possibility of hazardous reactions:	N/A
Conditions to avoid:	Temperatures above 30°C and below 5°C.
Incompatibility:	Acids, soft metals.
Hazardous Decomposition Products:	Oxides of carbon, sodium.

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Likely routes of exposure:	Skin contact, skin absorption, eye contact, inhalation, ingestion.
Symptoms:	SKIN CONTACT: May cause severe burns to skin. EYE CONTACT: May cause burns & serve eye damage. INHALATION: Mists may be irritant & cause burns to the respiratory tract. INGESTION: May cause severe burns to the digestive system.
Acute Toxicity Estimates:	LD <sub>50</sub> Oral ATE > 2000 mg/kg
	LD <sub>50</sub> Dermal ATE > 2000 mg/kg
	LD <sub>50</sub> Inhalation ATE: N/A
Skin Sensitization:	Data available on components indicates no potential skin sensitization.
Germinal Cell Mutagenicity:	Data available on components indicates no potential germinal cell mutagenicity.
Reproductive Toxicity:	Data available on components indicates no potential reproductive toxicity.
Carcinogenicity:	Not listed by NTP, IARC, OSHA, ACGIH.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>Aspiration Hazard:</b>	Data available on components indicates no potential aspiration hazard.
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<b>Toxicity to Fresh Water Algae:</b>	N/A
<b>Toxicity to Fish Species:</b>	<b>Sodium Hydroxide (CAS# 1310-73-2):</b> LC <sub>50</sub> (Oncorhynchus mykiss) 45.4 mg/L, Exposure Time, 96 h, Test Type: Static
<b>Toxicity to Aquatic Invertebrates:</b>	N/A
<b>Persistence and degradability:</b>	N/A

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<b>Recommended Waste Disposal Methods:</b>	Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.
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<b>Canadian TDG UN Number:</b>	1824
<b>UN Proper Shipping Name:</b>	SODIUM HYDROXIDE SOLUTION
<b>Transport Hazard Class(es):</b>	8
<b>Packing Group:</b>	II
<b>Environmental Hazards:</b>	Not available.
<b>Special Precautions for User:</b>	Not available.
<b>Additional Information:</b>	Limited Quantity Index: 1 Litre

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HAZARD RATING INFORMATION		HMIS	
4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant		3	Health
		0	Flammability
		0	Reactivity

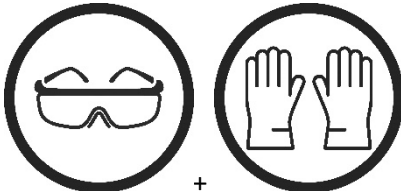
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## SECTION 15: REGULATORY INFORMATION

	<div>B</div> <div>Personal protection</div>
	B = Safety Glasses + Gloves
HMIS Protection Group B	
<p>All components of this product are listed on DSL/NDSL.</p> <p>All pertinent hazard information has been provided in this SDS, as per the requirements of the Canadian Workplace Hazardous Materials Identification System Standards (CPR 4).</p>	

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## SECTION 16: OTHER INFORMATION

## ACRONYM LIST

ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service
CFR	Code of Federal Regulations
DSL/NDSL	Domestic Substances List/ Non-domestic Substance List
EC <sub>50</sub>	Half maximal effective concentration
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
LC <sub>50</sub>	Lethal concentration, 50%
LD <sub>50</sub>	Lethal dose, 50%
MSHA	Mine Safety and Health Administration
N/A	Not Available
NIOSH	The National Institute for Occupational Safety and Health
N.O.S.	Not Otherwise Specified
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PNOC	Particulates not otherwise classified

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SECTION 16: OTHER INFORMATION	
<b>P<sub>ow</sub></b>	Partition Coefficient Octanol: Water
<b>SDS</b>	Safety Data Sheets
<b>STOT – SE</b>	Specific Target Organ Toxicity – Single Exposure
<b>STOT – RE</b>	Specific Target Organ Toxicity – Repeated Exposure
<b>TDG</b>	Transportation of Dangerous Goods
<b>TLV</b>	Threshold Limit Value
<b>UN</b>	United Nations
<b>VOCs</b>	Volatile Organic Compounds
<b>WEL</b>	Workplace Exposure Limit
<b>WHMIS</b>	Workplace Hazardous Materials Information System

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It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. Project Clean Inc. (formerly Maxim Chemical International Inc.) will accept no liability for damages or loss incurred from the improper handling and use of this product.

The information provided in the Safety Data Sheet has been obtained from current sources and is believed to be reliable.

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