



Safety Data Sheet Sections

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Project Clean Inc.
(formerly Maxim Chemical International Inc.)

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SECTION 1: IDENTIFICATION	
Product Trade Name:	Maxim Nu Break 8
Product Code:	1400980
Recommended Use:	Concentrated degreaser
Restrictions on Use:	For Industrial and Institutional use only
Manufacturer Name:	Project Clean Inc.
Manufacturer Address:	1607 Derwent Way, Delta, B.C. Canada V3M 6K8
Manufacturer Phone Number:	800-663-9925
Email Address of Competent Person Responsible for the SDS:	regulatory@projectclean.com
Emergency Phone Number/ 24-Hour Number:	For Transportation Emergencies: Canutec 613-996-6666 Emergency Response Services: Chemtrec 800-424-9300

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SECTION 2: HAZARD IDENTIFICATION	
Physical Hazards:	CORROSIVE TO METALS
Health Hazards:	SKIN CORROSION/IRRITATION – Category 1
	EYE DAMAGE/IRRITATION – Category 1
	ACUTE TOXICITY – ORAL – Category 4
Label Elements:	
Signal word:	Danger
Hazard Statement:	H290 May be corrosive to metals.
	H314 Causes severe skin burns and eye damage.
	H318 Causes serious eye damage.
	H302 Harmful if swallowed.
PRECAUTIONARY STATEMENTS	
Prevention:	P234 Keep only in original packaging.
	P260 Do not breathe dusts or mists.
	P264 Wash hands or affected area thoroughly after handling.
	P270 Do not eat, drink or smoke when using this product.

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SECTION 2: HAZARD IDENTIFICATION	
	P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Responses:	P390 Absorb spillage to prevent material damage.
	P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
	P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
	P363 Wash contaminated clothing before reuse.
	P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P310 Immediately call a POISON CENTER/doctor/physician.
	P321 Specific treatment (see supplemental first aid information on this label).
	P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage:	P406 Store in a corrosion resistant container with a resistant inner liner.
	P405 Store locked up.
Disposal:	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
Potassium Hydroxide	7-13	1310-58-3
Alcohol Ethoxylates	1-5	68154-97-2

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SECTION 4: FIRST-AID MEASURES	
General Information:	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.
Inhalation:	Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact:	Flood area with cool water for at least 20 minutes or until help arrives. Make sure water doesn't flow onto another part of the person's body or onto you. Don't use a strong stream of water, if possible. As you flush the burn (not before), remove jewelry or articles of clothing with chemical on them, unless they're stuck to the person's body. Don't try to neutralize the burn with acid or alkali. This could cause

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SECTION 4: FIRST-AID MEASURES	
	a chemical reaction that worsens the burn. Don't put antibiotic ointment on the burn.
Eye Contact:	Have the person immediately rinse the eye or eyes under a faucet, in a gentle shower, or with a clean container of water. Keep the person's face so that the injured eye is down and to the side. Avoid spraying a high-pressure water stream into the eye or eyes. Flush with lukewarm water for 15 to 30 minutes. For severe burns, continue flushing until you see a doctor, or you arrive in an emergency room. The person should keep the eye open as wide as possible. Wash the person's hands thoroughly to make sure no chemical is still on them. Flush the eye to remove contact lenses. If they do not come out, try to gently remove them AFTER flushing. Do not rub the eye or place a bandage over the eye. While waiting for medical care, have the person wear sunglasses to decrease light sensitivity.
Ingestion:	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.
Self-Protection of the First Aider:	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.
Most Important Symptoms/ Effects, Acute and Delayed:	Ingestion: May burn mouth and throat. May cause gastrointestinal irritation or ulceration. Inhalation: May cause respiratory irritation. Eyes and skin: May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Brief contact may cause skin burns.
If irritation occurs or persists, get medical attention.	

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SECTION 5: FIRE-FIGHTING MEASURES	
Suitable Extinguishing Media:	Water fog, alcohol foam, or dry chemical.
Unsuitable Extinguishing Media:	Do not use water jet as an extinguisher, as this will spread the fire.
Flammability:	Not flammable.
Flash Point:	Not flammable.
Special Firefighting Procedures:	Wear NIOSH/MSHA approved, self-contained breathing apparatus for firefighting situation. Use water spray to cool all nearby fire exposed surfaces.
Unusual Fire / Explosion Hazards:	Reacts violently with many organic chemicals, especially nitro carbons and chlorocarbons. May react with zinc, aluminum, tin and other active metals liberating

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SECTION 5: FIRE-FIGHTING MEASURES

	flammable hydrogen gas. Dilution in water evolves large amounts of heat.
Hazardous Decomposition Products:	Oxides of sodium and other unidentifiable organic compounds.

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Environmental Protection Precautions:	Do not release to the environment or water source.
Steps to be Taken in Case Material is Released or Spilled:	Wear protective equipment. Sweep up and shovel material into an appropriate waste container. Flush area with water if appropriate. Keep material away from sewers. Reuse if possible, otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.

[Back to Top](#)**SECTION 7: HANDLING AND STORAGE**

Precautions to be Taken in Handling and Storage:	Use good industrial hygiene. Do not get in eyes, on skin or on clothing. Avoid breathing dust. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. 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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OSHA (PEL): N/A	ACGIH TLV: N/A	Other exposure limit: N/A
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INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT

Appropriate Engineering Controls:	Good general ventilation.
Skin Protection:	Non-permeable gloves (rubber, nitrile) recommended. Rubber/PVC aprons when skin contact may occur. Rubber boots.
Eye and Face Protection:	Use chemical goggles or safety glasses.
Respiratory Protection:	Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.
Other Protective Equipment:	Eye wash, safety shower and full protective clothing recommended in the immediate work area.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
Appearance:	Clear, colourless liquid.
Odour:	Mild odour. No added fragrance.
Odour threshold:	N/A
pH:	>13.0
Melting point/Freezing point:	N/A
Initial boiling point and boiling range:	N/A
Flash Point:	>100°C
Evaporation Rate (Water=1):	N/A
Flammability:	Not flammable
Upper/Lower flammability or explosive limits:	None
Vapour pressure:	N/A
Vapour density:	N/A
Relative density/Specific gravity (Water = 1):	1.2 @ 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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SECTION 10: STABILITY AND REACTIVITY	
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:	Avoid contact with acid/oxidizers. Incompatible with acid, metals and alloys, zinc, tin, aluminum, organic chemicals, nitrocarbons, halocarbons.
Hazardous Decomposition Products:	Oxides of sodium and other unidentifiable organic compounds.

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SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Ingestion, skin and eye contact.
Symptoms:	Necrosis, tissue destruction, corrosion.
Acute Toxicity Estimates:	LD ₅₀ Oral ATE >1737 mg/kg, 6.74% of the mixture consists of ingredients of unknown acute toxicity
	LD ₅₀ Dermal ATE > 2000 mg/kg, 19.06% of the mixture consists of ingredients of unknown acute toxicity
	LD ₅₀ Inhalation ATE: N/A
Carcinogenicity:	Not listed by NTP, IARC, OSHA, ACGIH.

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Toxicity to Fresh Water Algae:	N/A
Toxicity to Fish Species:	N/A
Toxicity to Aquatic Invertebrates:	N/A
Persistence and degradability:	N/A

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

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SECTION 15: REGULATORY INFORMATION									
<p>HAZARD RATING INFORMATION</p> <p>4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant</p>	<p style="text-align: center;">HMIS</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="background-color: #0056b3; color: white; text-align: center;">3</td> <td style="background-color: #0056b3; color: white;">Health</td> </tr> <tr> <td style="background-color: #ff0000; color: white; text-align: center;">0</td> <td style="background-color: #ff0000; color: white;">Flammability</td> </tr> <tr> <td style="background-color: #ffff00; text-align: center;">0</td> <td style="background-color: #ffff00;">Reactivity</td> </tr> <tr> <td style="text-align: center;">C</td> <td>Personal protection</td> </tr> </table> <p style="text-align: center;">C = Safety Glasses + Gloves + Apron</p>	3	Health	0	Flammability	0	Reactivity	C	Personal protection
3	Health								
0	Flammability								
0	Reactivity								
C	Personal protection								
<p>HMIS Protection Group C</p>									
<p>All pertinent hazard information has been provided in this SDS, per the requirements of the U.S. Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalent Standards, and 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
EC₅₀	Half maximal effective concentration
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
LC₅₀	Lethal concentration, 50%
LD₅₀	Lethal dose, 50%
MSHA	Mine Safety and Health Administration
N/A	Not Available

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

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.