



MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: MTL Power Clean 2000

PRODUCT USE: Heavy Duty Degreaser

CHEMICAL FAMILY: Blended Mixture

WORK PLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: D-2 (B)

WORK PLACE HAZARD: Skin and Eye Irritant

TRANSPORTATION OF DANGEROUS GOODS (TDG)

SHIPPING NAME: Corrosive liquid NOS (MTL Power Clean 2000)

TDG CLASSIFICATION: Class 8

UN NUMBER (PIN): 1760

PACKING GROUP: II

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD₍₅₀₎ Oral-Rat</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
D' limonene	5-15%	5989-27-5	N/A	N/A	N/A
Potassium Hydroxide	1-5%	1310-58-3	365 mg/kg	N/A	N/A
Polyxyalkylated AlkylarylPhosphate Ester	5-10%	51811-79-1	1530 mg/kg	N/A	N/A
Nonylphenoxy Poly Ethanol, Branched	5-10%	68412-54-4	1746 mg/kg	N/A	N/A

SECTION III: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN EYE CONTACT INHALATION INGESTION

EYE CONTACT: May cause irritation to the eyes.

SKIN CONTACT: May cause irritation and defatting of skin.

INGESTION: May cause irritation to throat, nausea, vomiting, diarrhea, and gastrointestinal distress.

INHALATION: May cause irritation to respiratory system.

SECTION IV: FIRST AID MEASURES



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SKIN CONTACT:	Wash skin thoroughly with soap and water. If irritation or rash develops, obtain Medical assistance.
EYE CONTACT:	If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.
INGESTION:	DO NOT induce vomiting. If vomiting occurs keep airways clear, seek medical attention.
INHALATION:	Remove patient to fresh air. Apply artificial respiration as required, consult physician.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Clear, pale straw liquid; citrus odour
SPECIFIC GRAVITY:	1.06
BOILING POINT (°C):	>100°C
MELTING POINT (°C):	N/A
pH:	13.0
SOLUBILITY IN WATER:	Soluble
PERCENT VOLATILE BY VOLUME:	N/A
EVAPORATION RATE:	N/A
VAPOUR PRESSURE (mm Hg):	N/A
BULK DENSITY:	1.06 (g/ml)

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	None
FLAMMABLE LIMITS:	None
EXTINGUISHING MEDIA:	Carbon dioxide, dry powder, foam, and water.
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained respirators required for fire fighting personnel.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None Know

SECTION VII: REACTIVITY DATA

STABILITY:	Stable [XX]	Unstable []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Strong acids, or oxidizing agents	



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CONDITIONS OF REACTIVITY:	None	
HAZARDOUS DECOMPOSITION PRODUCTS:	Burning can produce Carbon Monoxide, dioxide, and nitrogen oxides.	
HAZARDOUS POLYMERIZATION:	Will Not Occur [XX]	May Occur []

VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Not required.
VENTILATION:	Suggested local mechanical exhaust.
PROTECTIVE GLOVES:	Chemical impermeable
EYE PROTECTION:	Suggest goggles
OTHER PROTECTIVE EQUIPMENT (Specify):	Ensure eyewash station and emergency shower is available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid ingestion. Practice reasonable caution and personal cleanliness. Avoid skin and eye contact. Avoid product from freezing. Store away from heat, flame and spark source.

STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED

Use appropriate safety equipment. Soak up with absorbent material and place in proper disposal container.

WASTE DISPOSAL METHOD

Dispose of in accordance with federal, provincial and local regulations. It is the responsibility of the user to determine if contaminated material meets hazardous waste requirements.

SECTION IX: PREPARATION

THE INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

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