1 – IDENTIFICATION

IDENTIFIER	COOKTOP CLEANER PURENAT
PRODUCT CODE	
RECOMMENDED USE	All purpose scrubbing cream
RESTRICTIONS ON USE	
SUPPLIER / MANUFACTURER	TOTAL FABRICATION 511 Route 289 St-Alexandre-de-Kamouraska, QC, G0L 2G0 (418) 970-0889
EMERGENCY TELEPHONE	418-970-0889, 9h00 to 17h00, Monday to Friday

2 – HAZARD IDENTIFICATION

CLASSIFICATION	Skin irritation 3 Eye irritation 2A	
LABEL ELEMENTS		
SIGNAL WORD	Warning	
HAZARD STATEMENT	H316 H319	Causes skin irritation Causes serious eye irritation.
PRECAUTIONARY STATEMENTS – PREVENTION	P280	Wear protective gloves/protective clothing/eye protection/face protection.
PRECAUTIONARY STATEMENTS – RESPONSE	P332+P313 P305+P351+P338 P337+P313	If skin irritation occurs: Get medical advice/attention. IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
PRECAUTIONARY STATEMENTS – STORAGE	P405	Lucked store
PRECAUTIONARY STATEMENTS - ELIMINATION	P501	Dispose contents/containers according to municipal, provincial and federal regulations.
OTHER HAZARDS	Not applicable.	

3 – COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	C.A.S.	CONCENTRATION
Monobutyl diethylene glycol ether	112-34-5	2 – 5*
Alkyl alcohol (C9-C11) ethoxylated	68439-46-3	2 – 5*
Citric acid	77-92-9	1 – 4*

* TRADE SECRET STATEMENT: The exact concentration of composition has been withheld as a trade secret.

4 – FIRST AID MEASURES

ROUTE OF EXPOSURE	Inhalation, eyes, skin, ingestion

INHALATION	IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CONTROL CENTER or physician.
DERMAL	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
OCULAR	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
ORAL	NEVER give anything orally if victim is losing consciousness, is unconscious or having convulsions. Rinse mouth with water thoroughly. DO NOT INDUCE VOMITING. Ask victim to drink two glasses of water. If vomiting occurs naturally, lean victim forward to reduce risks of aspiration. Continue to drink water. Obtain medical care.
NOTE TO PHYSICIAN	Specific treatment: Treat symptomatically.

5 – FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Depending on the conditions of the fire. Water spray, CO2, chemical foam, dry chemical powder.
UNSUITABLE EXTINGUISHING MEDIA	A direct stream of water may cause foaming.
SPECIFIC HAZARDS	Oxides of carbon, acrid smoke.
PROTECTIVE EQUIPMENT	Fire-fighters must wear protective equipment and NIOSH approved self-contained breathing apparatus.
PRECAUTIONS	Do not let water run-off reach sewers, ditches, or waterways.

6 – ACCIDENTAL RELASE MEASURES

PROTECTIVE EQUIPMENT	Wear appropriate respiratory equipment (See Section 8). Avoid direct contact with product. Remove non-essential personnel.
CONTAINMENT AND CLEAN UP	Ventilate spill area. Stop spill if safe to do so. Contain and absorb with an inert absorbing material for future disposal (See Section 13). Prevent spill from entering sewers or waterways. Retain water run-off if applicable. Inform proper authorities if necessary.
ENVIRONMENTAL PRECAUTIONS	Avoid entering sewers, waterways, or restricted areas. Eliminate according to municipal, provincial, and federal regulations.

7 – HANDLING AND STORAGE

HANDLING	Containers must be identified correctly. Handle in a well-ventilated area. Avoid breathing dust, vapours or mists. Avoid contact with eyes, skin and clothes. Keep containers closed when not in use. Empty containers may contain residues and must be handled as hazardous waste. Maintain good personal hygiene before eating, drinking or smoking. Do not eat, drink or smoke while using the product or in proximity. Wash contaminated clothing before reuse.
STORAGE	Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep containers closed.
INCOMPATIBLE MATERIALS	Strong oxidizers, bases

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

INGRÉDIENT	C.A.S.	SOURCE	VALEUR
Monobutyl diethylene glycol ether	112-34-5	ACGIH	VEMP 10 ppm
Alkyl alcohol (C9-C11) ethoxylated	68439-46-3		Aucune limite établie.
Citric acid	77-92-9	ACGIH	10 mg/m³ - particules inhalables 3 mg/m³ - particules respirables
		OSHA	50 mppcf* ou 15 mg/m³ - poussières totales 15 mppcf* ou 5 mg/m³ - fraction respirable

ENGINEERING CONTROLS	Use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels to an acceptable level.
RESPIRATORY PROTECTION	Maintain atmospheric concentrations below exposure limits. If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator. In case of spill or leak resulting in unknown concentration, use a NIOSH approved supplied air respirator.
PROTECTIVE EQUIPMENT AND CLOTHING	Wear chemical / impermeable gloves or other protective clothing to prevent repeated or continuous contact with the skin during handling and usage. Wear goggles to prevent mist, vapours, or dust to contact eyes. Ensure that eyewash stations, showers and cleaning stations are near to workstation.
OCULAR PROTECTION	Chemical goggles: also wear a face shield if splashing hazard exists.
GENERAL HYGIENE RECOMMENDATIONS	Ensure that eyewash stations and safety showers are proximal to the work-station location. Avoid production of high concentrations of dust, vapours, or mists. Avoid contact with skin and eyes. Avoid breathing dust, vapours, or mists. Never eat, drink, or smoke near workstations. Good hygiene is recommended after using this product. Clean clothing before reuse.

9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Beige liquid, opaque
ODOUR	Citrus
ODOUR TRESHOLD	Not determined.
pH	2.50 - 4.00
MELTING / FREEZING POINT	Not determined
INITIAL BOILING POINT	Not determined.
FLASH POINT	Not applicable.
EVAPORATION RATE	Not determined
FLAMMABILITY	Non-flammable.
LOWER FLAMMABLE/EXPLOVISE LIMIT	Not applicable.
UPPER FLAMMABLE/EXPLOSIVE LIMIT	Not applicable.
VAPOUR PRESSURE	Not determined.
VAPOUR DENSITY	Not determined.
RELATIVE DENSITY	Not determined.
SOLUBILITY (in water)	Not determined.
PARTITION COEFFICIENT (n-octanol/water)	Not determined.
AUTO-IGNITION TEMPERATURE	Not determined.
DECOMPOSITION TEMPERATURE	Not determined.
VOC	Not determined
VISCOSITY	5000 cPs

10 – STABILITY AND REACTIVITY

REACTIVITY	Stable with recommended use.
CHEMICAL STABILITY	Stable under normal conditions of use.
HAZARDOUS REACTIONS	No polymerization.
CONDITIONS TO AVOID	Use with incompatible materials.
INCOMPATIBLE MATERIALS	Oxidizing, Bases
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon oxides, nitrogen oxides, silica oxides.
ADDITIONAL INFORMATION	-

11 – TOXICOLOGICAL INFORMATION

ACUTE EFFECTS	
INHALATION	May cause respiratory tract irritation
DERMAL	May cause irritation
OCULAR	May cause slight, temporary irritation. Pain, tearing, redness.
ORAL	May cause stomach discomfort if ingested in large amounts. Nausea, vomiting, abdominal pain.
CHRONIC EFFECTS	
INHALATION	May cause respiratory tract irritation
DERMAL	May irritate the skin
OCULAR	May irritate the eyes
ORAL	May irritate the mouth
ADDITIONAL INFORMATION	
CARCINOGENIC EFFECTS (IARC)	No data.
MUTAGENIC EFFECTS	No data.
TERATOGEN EFFECTS	No data.
REPRODUCTION	No data.
SENSIBILISATION	No data.
TARGET ORGANS	No data.
AGGRAVATED CONDITIONS	No data.
SYNERGISTIC SUBSTANCES	No data.

CHEMICAL NAME	C.A.S.	LD50 ORAL mg/kg	LD50 DERMAL mg/kg	LC50 INHALATION
Monobutyl diethylene glycol ether	112-34-5	5660, Rat	2700, Rabbit	> 29 ppm, rat, 2h
Alkyl alcohol (C9-C11) ethoxylated	68439-46-3	>2000, Rat	>2000, Rabbit	No Data
Citric acid	77-92-9	3000, Rat	DL50 2000, Rat	Not Available

12 – ECOLOGICAL INFORMATION

Monobutyl diethylene glycol ether	CL50 1300 mg/L, 96h	Poisson
	CE50 >100 mg/L, 48h	Daphnée
	CE50 >100 mg/L, 96h	Algue
Alkyl alcohol (C9-C11) ethoxylated	CL50 5 – 10 mg/L, 96h	Poisson
	CE50 5 – 10 mg/L, 48h	Daphnée
	CE50 10 - 100 mg/L, 72h	Algue
Acide Citrique	LC50/96h: 440-706 mg/l	Poisson

	EC50: 1534 mg/l	Daphinia

13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD	Disposal of all wastes must be done in accordance with municipal, provincial, and federal regulations.
CONTAMINATED PACKAGING	Empty containers should be recycled or disposed of through an approved waste management facility.

14 – TRANSPORT INFORMATION

TRANSPORT OF DANGEROUS GOODS (CANADA)
TDS not regulated

MARINE POLLUTANT	None
SPECIAL PRECAUTIONS	

15 – REGULATORY INFORMATION

CANADA	
CEPA	All components of this product are either listed or exempt from listing on the Domestic substances List (DSL).
USA	
TSCA	All components of this product are either listed or exempt from listing on the Toxic Substances Control Act (TSCA) Inventory.

16 – OTHER INFORMATION

VERSION	1.0
DATE	01 NOVEMBER 2023
PREPARED BY	TOTAL FABRICATION 511 Route 289 St-Alexandre-de-Kamouraska, QC, G0L 2G0 (418) 970-0889
ABBRÉVIATIONS	ABBREVIATIONS
ACGIH AIHA CAS CEPA CIRC CL / LC DL / LD	American Conference of Governmental Industrial Hygienists American Industrial Hygiene Association Chemical Abstract Service Canadian Environmental Protection Act Centre International pour la Recherche sur le Cancer Concentration létale /Lethal concentration Dose létale / Lethal dose

CE / EC	Concentration efficace / Effective concentration
IARC	International Agency for Research on Cancer
LCPE	Loi Canadienne sur la Protection de l'Environnement
LES/NDSL	Liste extérieure des substances / Non domestic substances list
LIS/DSL	Liste intérieure des substances / Domestic substances list
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
SIMDUT	Système d'information sur les matières dangereuses utilisées au travail
STEL	Short-term Exposure Limit
STOT	Specific target organ toxicity
TCOC	Toxicité pour certains organs cibles
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
USEPA	United States Environmental Protection Agency
VECD	Valeur exposition courte durée
VEMP	Valeur exposition moyenne pondérée
WHMIS	Workplace Hazardous Materials Information System
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