

Multisurface Pure
SECTION 1 - IDENTIFICATION

Product identifier:	Multisurface Pure
Recommeneded use:	Cleaner for windows and mirrors
Chemical name:	Mixture
Chemical group:	Mixture
Supplier identifier:	TOTAL FABRICATION 511 Route 289 St-Alexandre-de-Kamouraska, Qc, G0L 2G0 (418) 970-0889
Manufacturer identifier:	TOTAL FABRICATION 511 Route 289 St-Alexandre-de-Kamouraska, Qc, G0L 2G0 (418) 970-0889
Emergency phone:	Canutec (613) 996-6666 24hrs

SECTION 2 - HAZARD IDENTIFICATION

Classification	Not Regulated under WIHMS 2015
Signal Word	
Hazard statement	
Precautionary statement - Prevention	
Precautionary statement - Response	
Precautionary statement - Storage	
Precautionary statement - Elimination	P501

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENT

Hazardous Product	No. CAS	% (weight)
No hazardous ingredients		

SECTION 4 - FIRST AID MESURE

Inhalation:	IF INHALED: remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CONTROL CENTER or physician.
Skin contact:	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water for 20 minutes. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing/ jewellery and wash it before reuse. DO NOT neutralize with acid.
Eye contact:	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. DO NOT neutralise with acid.
Ingestion:	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.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media:	In case of fire: Use water, foam, CO2, dry chemical to extinguish.
Unsuitable extinguishing media:	Stream of water directed into the product will generate large amounts of foam.
Hazardous combustion products:	Carbon oxides, nitrogen oxides, sulfur oxides, acrid smoke.
Protective equipment:	Fire-fighters must wear protective equipment and NIOSH approved self-contained breathing apparatus.
Precaution:	Retain water run-off. Prevent infiltration into sewers or waterways.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Protective equipment:

Multisurface Pure

Wear appropriate respiratory equipment (See Section 8). Avoid direct contact with product. Remove non-essential personnel.

Containment and clean up:

Ventilated spill area. Stop spill if safe to do so. Contain and absorb with inert absorbing material for future disposal (see section 13). Prevent spill from entering sewers or waterways. Retain water run-off. Inform proper authorities if necessary.

Environnement precaution:

Avoid entering sewers, waterways or restricted areas. Eliminate according to municipal provincial and federal regulation.

SECTION 7 - HANDELING AND STORAGE

Precaution for safe 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.

Condition for safe storage:

Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep containers closed.

Incompatible materials:

Strong acids, oxidants.

Incompatible condition:

Sources of ignition. Direct sunlight.

SECTION 8 - EXPOSURE CONTROLS / PERSONNAL PROTECTION

Exposure limits:

Ingredients	OSHA PEL		TWA	STEL
	TWA	STEL		
No hazardous ingredients				

Engineering controls:

Local ventilation system is recommended to maintain concentrations of contaminants below exposure limits.

Protection of airways:

Respiratory protection is required if concentration are above exposure limits. Use a NIOSH approved autonomous respiratory apparatus if exposure limits are unknown.

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. Insure that eyewash stations, showers and cleaning stations are near to work station.

General hygiene recommendations :

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 work stations. Good hygiene is recommended after using this product. Clean clothing before reuse.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Transparent liquid
Odour :	Faint, characteristic of the product
Odour threshold:	Not available
pH (sol. 10%) :	7.00 - 8.00
Melting point:	Not applicable
Initial boiling point:	100°C
Flash point:	Not applicable
Evaporation rate (butyl acetate = 1):	Not applicable
Flammability:	Not applicable
LIL:	Not applicable
UIL:	Not applicable
Vapour pressure:	Not available
Vapour density (air=1):	Not available
Relative density:	1.000 - 1.006 kg/L
Solubility:	Soluble

Multisurface Pure

Partition coefficient (n-octanol/water):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Volatiles :	90.0 - 99.9 %
Viscosity:	< 5cPs (Brookfield RV #1, 20 rpm at 25°C)

SECTION 10 - STABILITY AND REACTIVITY

Stability and reactivity :	Stable under recommended conditions and expected usage.
Polymerisation:	No.
Conditions to avoid :	Direct Sunlight. Extremely high or low temperature Contact with incompatible materials.
Incompatible materials :	Strong oxidants, acids.
Hazardous decomposition products :	Carbon oxides, nitrogen oxides, sulfur oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicological data:				
Hazardous ingredient	No. CAS	% (weight)	LD ₅₀ (route, species)	LC ₅₀ (species)
No hazardous ingredients				
Short term exposure (acute) :				
Inhalation:	No adverse reaction reported			
Skin:	No adverse reaction reported			
Eyes:	No adverse reaction reported			
Ingestion:	No adverse reaction reported			
Long term exposure (chronic) :				
Inhalation:	No data			
Skin:	No data			
Eyes:	No data			
Ingestion:	No data			
Carcinogenicity :	Not available			
Teratogenicity:	Not available			
Mutagenicity:	Not available			
Target organ:	Not available			
Conditions aggravated by exposure :	Not available			

SECTION 12 - ECOLOGICAL INFORMATION

Hazardous ingredient	No. CAS	% (weight)	Value	Species
No hazardous ingredients				
Persistence and degradability:	Not available			
Bioaccumulation potential:	Not available			
Mobility in soil:	Not available			
Other adverse effects:	Not available			
Other information:	Avoid release to the environment.			

SECTION 13 - DISPOSAL CONSIDERATION

Safe handling for disposal:	Store materials for elimination and contaminated packaging as indicated in Section 7 Handling and Storage.
Methods of disposal:	Dispose contents/containers according to all municipal, provincial and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

UN Number	Proper shipping name	Class	Packing group	Placard
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Not regulated for transport				
Special Precaution :	None known			
Environnement Danger :	Do not discharge into environment.			

SECTION 15 - REGULATION INFORMATION

Canadian Environmental Protection Act (CEPA):	Components of this product are listed in the Domestic Substance List (DSL) or the Non-Domestic Substance List (NDSL) or are exempt.
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Multisurface Pure

Others : Components of this product are listed on the TSCA or are exempt.

SECTION 16 - OTHER INFORMATION

Prepared by:	TOTAL FABRICATION 511 Route 289 St-Alexandre-de-Kamouraska, Qc, G0L 2G0
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Version:	VM-01 -- 1.5
Abbreviations:	
ACGIH	American Conference of Governmental Industrial Hygienists
AIHA	American Industrial Hygiene Association
CAS	Chemical Abstract Service
CL / LC	Concentration létale /Lethal concentration
DL / LD	Dose létale / Lethal dose
IARC	International Agency for Research on Cancer
LES	Liste extérieure des substances (NDSL)
LIS	Liste intérieure des substances (DSL)
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
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
USEPA	United States Environmental Protection Agency
WHMIS	Workplace Hazardous Materials Information System

All information indicated in the present document are based on data supplied by recognized technical sources. While the information is believed to be accurate, the manufacturer makes no representations as to its accuracy or sufficiency. Users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.