


**SOLU-SUPER-CLEAN**
**SECTION 1 - IDENTIFICATION**

<b>Product identification :</b>	<b>SOLU-SUPER-CLEAN</b>
<b>Product code :</b>	<b>SSC-04</b>
<b>Product Use / Description</b>	BIOTECHNOLOGICAL CLEANER FOR BATHROOM AND CALCIUM
<b>Chemical name :</b>	Mixture
<b>Chemical group :</b>	Mixture
<b>Supplier identifier :</b>	<b>SOLUTION ENBIOTECH PLUS</b> <b>60, Beauvais street</b> <b>Delson, Qc J5B 1W8</b>
<b>Manufacturer identifier :</b>	<b>SOLUTION ENBIOTECH PLUS</b> <b>60, Beauvais street</b> <b>Delson, Qc J5B 1W8</b>
<b>Emergency phone :</b>	Canutec (316) 996-6666 24 hrs

**SECTION 2 - HAZARD IDENTIFICATION**

<b>Classification</b>	Skin sensitizer - Category 1 Skin irritation - Category 2 Eye irritation - Category 2 B	
<b>Signal word</b>	WARNING	
<b>Hazard statement</b>	H317 May cause allergic skin reaction. H316 May cause mild skin irritation. H320 Causes eye irritation.	
<b>Precautionary advice - Prevention</b>	P103 Read label before use.	
<b>Precautionary Advice - Response</b>	P305+P351+P338 IN CASE OF EYE CONTACT: Rinse cautiously with water for several minutes. Remove the contact lenses if the victim is wearing them and if they can be easily removed. Continue to rinse at least 15 minutes and get medical attention. P337+P313+P333 If eye irritation or irritation / skin rash persists, seek medical advice.	
<b>Precautionary Statement - Disposal</b>	P501 Dispose of contents / container in accordance with municipal, provincial and federal regulations.	

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Hazardous Ingredients</b>	<b>No. CAS</b>	<b>% (Weight)</b>
Proprietary blend	N/A	2 – 7%
Decyl alcohol, propoxylated, ethoxylated	37251-67-5	1 – 3%
viable bacterial culture	N/A	0.5 – 1%
Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels.		

**SECTION 4 - FIRST AID MEASURE**

<b>Inhalation :</b>	IF INHALED: Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.
<b>Skin contact :</b>	IN CAS OF SKIN CONTACT: In case of irritation or rash: seek medical advice. Remove contaminated clothing / jewelry and wash before reuse.
<b>Eye contact :</b>	IN CASE OF EYE CONTACT: Rinse cautiously with water for several minutes. Remove the contact lenses if the victim is wearing them and if they can be easily removed. Continue to rinse at least 15 minutes and get medical attention.
<b>Ingestion :</b>	DO NOT INDUCE VOMITING! Never give fluids if patient is unconscious. Keep person warm and calm. In all cases of doubt, or when symptoms persist, seek medical advice.

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**SECTION 5: FIREFIGHTING MEASURES**

<b>Suitable extinguishing media :</b>	In case of fire: use water, universal foam, dry chemicals, CO2 for instinction.
<b>Unsuitable extinguishing media :</b>	A powerful jet of water directed directly into the product generates a lot of foam.
<b>Hazardous Combustion Products :</b>	Carbon oxides, nitrogen oxides.
<b>Protective equipment :</b>	Self contained breathing apparatus and full protective clothing NIOSH approved must be worn in case of fire.
<b>Special precaution :</b>	Retain water runoff.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>Personal Protection :</b>	Wear plastic or rubber gloves if large amounts of bulk are handled. (See Section 8)
<b>Containment and clean up :</b>	Ventilate area of spill. Stop the flow if it can be done safely. Contain and absorb with inert absorbent material for subsequent disposal (see Section 13). Prevent material from entering waterways or sewers. Retain runoff water if applicabel. Inform the competent authorities if necessary.
<b>Environmental Precautions :</b>	Dispose in accordance with municipal, provincial and federal regulations. The organic matter contained in this product is biodegradable.

**SECTION 7: HANDLING AND STORAGE**

<b>Safe Handling Procedures :</b>	Containers must be identified. Handle in a well ventilated area. Avoid contact with skin and clothing. Keep container tightly closed. Store at room temperature and do not exceed 35 ° C. Observe good personal hygiene before eating, drinking or smoking. Do not eat, drink or smoke while handling this product or in the vicinity. Wash contaminated clothing before reuse.
<b>Requirements for storage :</b>	Store in a well-ventilated area. Keep cool. Keep away from incompatible materials. Keep containers closed. Avoid freezing.
<b>Incompatible materials :</b>	Strong oxidizing agents, acids. The product does not polymerize.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Exposure limits :</b>				
Ingredients	OSHA PEL		ACGIH TLV	
	TWA	STEL	TWA	STEL
Proprietary blend	Not available	Not available	Not available	Not available
Decyl alcohol, propoxylated, ethoxylated	Not available	Not available	Not available	Not available

<b>Engineering measures :</b>	Adequate ventilation is recommended.
<b>Respiratory Protection :</b>	Not required if ventilation is adequate.
<b>Protective equipment and clothing :</b>	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.
<b>General hygiene recommendations :</b>	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.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance :</b>	Orange translucent liquid
<b>Odour :</b>	Pepper mint
<b>Odour threshold :</b>	Not available
<b>pH :</b>	4.5 - 6.0
<b>Melting point :</b>	Not applicable
<b>Initial boiling point :</b>	Not applicable
<b>Flash point :</b>	> 93°C
<b>Evaporation rate (butyl acetate = 1) :</b>	> 1.0
<b>Inflammability :</b>	Not applicable
<b>LIL :</b>	Not applicable
<b>UIL :</b>	Not applicable
<b>Vapor pressure :</b>	Not available
<b>Vapor Density (air = 1) :</b>	Not available
<b>Relative Density :</b>	1.0- 1.01 g/mL
<b>Solubility :</b>	Soluble
<b>Partition Coefficient (n-octanol/water) :</b>	Not available
<b>Auto-ignition temperature :</b>	Not available
<b>Decomposition temperature :</b>	Not available
<b>Volatile :</b>	Not available
<b>Viscosity :</b>	<200cPs (Brookfield RV #4 at 20 rpm)

**SECTION 10: STABILITY AND REACTIVITY**

<b>Stability and reactivity :</b>	Stable under recommended and prescribed handling and storage conditions.
<b>Polymerization :</b>	No
<b>Condition to avoid :</b>	Contact with incompatible materials
<b>Materials to Avoid :</b>	Strong oxidizers, acids
<b>Hazardous decomposition products :</b>	Carbon oxide

**SECTION 11: TOXYCOLOGICAL DATA**

<b>Toxicological data :</b>				
<b>Hazardous Ingredients</b>	<b>No. CAS</b>	<b>% (Weight)</b>	<b>DL<sub>50</sub> (Species pathway)</b>	<b>CL<sub>50</sub> (Species)</b>
Proprietary blend	N/A	2 - 7%	Oral (rat) >2000 mg / Kg	Not available
Decyl alcohol, propoxylated, ethoxylated	37251-67-5	1 - 3%	Oral (rat) >5000 mg / Kg	Not available

**Route of administration: Inhalation, cutaneous, ocular, ingestion.**
**Short-term exposure (acute) :**

<b>Inhalation :</b>	Not applicable
<b>Skin :</b>	May cause a rash and / or dry skin
<b>Eyes :</b>	May cause eye irritation
<b>Ingestion :</b>	Nausea, diarrhea, vomiting and abdominal cramps.

**Long term exposure (chronic) :**

<b>Inhalation :</b>	Respiratory irritation
<b>Skin :</b>	Dermatitis
<b>Eyes :</b>	Eye redness
<b>Ingestion :</b>	Not available
<b>Carcinogenicity :</b>	Not carcinogenic according to IARC
<b>Teratogenicity :</b>	Non teratogenic
<b>Mutagenicity :</b>	Non-mutagenic
<b>Target organ :</b>	Not available
<b>Conditions aggravated by exposure :</b>	Not available

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<b>SECTION 12: ECOLOGICAL INFORMATION</b>				
<b>Hazardous Ingredients</b>	<b>No. CAS</b>	<b>% (Weight)</b>	<b>Value</b>	<b>Species</b>
Proprietary blend	N/A	2 - 7%	Not available	Not available
Decyl alcohol, propoxylated, ethoxylated	37251-67-5	1 - 3%	Not available	Not available
<b>Persistence and biodegradation :</b> The product is rapidly biodegradable				
<b>Bioaccumulation potential :</b> Not bioaccumulative				
<b>Mobility in soil :</b> Not available				
<b>Other adverse effects :</b> Not available				

<b>SECTION 13: DISPOSAL CONSIDERATIONS</b>	
<b>Waste storage and handling conditions :</b>	Store material for disposal and contaminated packaging as described in Section 7 Handling and Storage.
<b>Methods of disposal :</b>	Disposal of all waste must be done in accordance with municipal, provincial and federal regulations

<b>SECTION 14: TRANSPORT INFORMATION</b>				
<b>UN Number</b>	<b>Proper shipping name</b>	<b>Class</b>	<b>Packaging Group</b>	<b>Placard</b>
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

<b>SECTION 15: REGULATORY INFORMATION</b>	
<b>Canadian Environmental Protection Act :</b>	The components of the product are listed on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL), or are exempt.
<b>Other:</b>	The components of this product are listed on the TSCA list or are exempt.

<b>SECTION 16: OTHER INFORMATION</b>	
<b>Prepared by :</b>	Solutions Enbiotech Plus 60, Beauvais street Delson, Qc, J5B 1W8
<b>Phone number :</b>	(450) 638-3344
<b>Date :</b>	January 2017
<b>Version :</b>	1.0
<b>Abbreviations :</b>	<ul style="list-style-type: none"> <li>ACGIH Américan Conference of Govermmntal Industrial Hygienists</li> <li>AIHA Américan Industrial Hygiene Association</li> <li>CAS Chemical Abstract Service</li> <li>CL / LC Concentration Létale / Lethal Concentration</li> <li>DL / LD Dose Létale / Lethal Dose</li> <li>IARC International Agency for Research on Cancer</li> <li>LES Liste Extérieur des Substances / Non-Domestic Substances List (NDSL)</li> <li>LIS Liste Intérieur des Substances / Domestic Substances List (DSL)</li> <li>NIOSH National Institute for Occupational Safety and Health</li> <li>ACGIH Américan Conference of Govermmntal Industrial Hygienists</li> <li>NTP National Toxicology Program (U.S.A.)</li> <li>OSHA Occupational Safety and Health Administration (U.S.A.)</li> <li>ACGIH Américan Conference of Govermmntal Industrial Hygienists</li> <li>PEL Permissible Exposure Limit</li> <li>SIMDUT Système d'Information sur les Matières Dangereuse Utilisées au Travail</li> <li>STEL Short-Term Exposer Limit</li> <li>TLV Threshold Limit Value</li> <li>TSCA Toxic Substances Control Act</li> <li>TWA Time Weighted Average</li> <li>USEPA United States Environmental Protection Agency</li> <li>WHMIS Workplace Hazardous Materials Information System</li> </ul>

All information indicated in the present document are based on data supplied by recognized technical sources. Although the information is believed to be accurate, the manufacturer makes no representation as to its accuracy or sufficiency. Users are responsible for verifying the data themselves in accordance with their operating conditions to determine if the product is suitable for the intended applications. The information relates only to the product indicated herein and is not intended for use with any other material or process.