

**PRODUCT: LEMON CLEAN**

**CODE: 6168**

**SECTION 01: IDENTIFICATION**

Supplier identifier..... T & T Industrial Supplies Ltd  
 51 Roysun Road Unit 10  
 Woodbridge ON.  
 L4L 8P9 Canada  
 905-851-4488

Product identifier..... Lemon Clean Neutral cleaner  
 Product code..... 6168  
 Emergency telephone number..... CANUTEC 24-hour number (613-996-6666).  
 Product use..... Cleaner and degreaser.

**SECTION 02: HAZARD IDENTIFICATION**



Hazard classification..... Eye Irritation — Category 2A. Skin Sensitizer — Category 1.  
 Signal word..... WARNING.  
 Hazard statement..... H319 Causes serious eye irritation. H317 May cause an allergic skin reaction.  
 Precautionary statements..... P261 Avoid breathing fume/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P264 Wash thoroughly after handling. P280 Wear protective gloves/eye protection/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P321 Specific treatment (see section 4 of SDS). P362+P364 Take off contaminated clothing and wash before reuse. P501 Dispose of contents/container to an approved waste disposal plant.

Other hazards..... None.

**SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS INGREDIENTS	CAS #	WT. %
Isopropyl alcohol	67-63-0	1.2-1.5
Alcohols, C12-15, ethoxylated	68131-39-5	0.9-1.1
Fragrance	not available	0.1-0.2

**SECTION 04: FIRST-AID MEASURES**

Routes of exposure

Inhalation..... Remove to fresh air. If irritation persists, consult a physician.  
 Ingestion..... Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.  
 Skin contact..... Wash off with soap and water. Get medical attention if irritation develops and persists. Take off contaminated clothing and wash before reuse.  
 Eye contact..... Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

Most important symptoms and effects, both acute and delayed . The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.  
 Medical attention and special treatment..... IF exposed or concerned: Get medical advice/attention. No special measures required.

**SECTION 05: FIRE-FIGHTING MEASURES**

Extinguishing media..... Use an extinguishing agent suitable for the surrounding fire. Foam, Carbon dioxide (CO2), Dry chemical.  
 Hazardous combustion products..... The substances/groups of substances mentioned can be released in case of fire: Carbon oxides. Nitrogen oxides (NOx). Harmful vapours.

**PRODUCT: LEMON CLEAN**

**CODE: 6168**

**SECTION 05: FIRE-FIGHTING MEASURES**

Special protective equipment and precautions Firefighters should be equipped with self-contained breathing apparatus and turn-out gear. Move containers from fire area if this can be done without risk. Cool closed containers exposed to fire with water spray.

Sensitivity to static discharge..... Product is not sensitive to static discharge.

Sensitivity to mechanical impact..... Product is not sensitive to mechanical impact.

Further information..... During fire, gases hazardous to health may be formed. In a fire or if heated, a pressure increase will occur and the container may burst.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation. Use personal protective equipment as required.

Environmental precautions..... Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.

Methods and materials for containment and cleaning up Ensure adequate ventilation. Cover spill area with suitable absorbent material (e.g., sand, earth, sawdust, vermiculite, Oil-Dri, Kitty Litter, etc.). Sweep up material being careful not to raise dust. Place in an appropriate disposal container and seal tightly. Contaminated absorbent material may pose the same hazards as the spilled product .

**SECTION 07: HANDLING AND STORAGE**

Handling precautions..... Use good industrial hygiene practices in handling this material. Do not eat, drink or smoke when using this product . Wear appropriate personal protective equipment.

Storage needs..... Keep in a dry, cool and well-ventilated place.

Materials to avoid..... Keep away from strong acids. Keep away from strong bases. Keep away from oxidizing agents.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	ACGIH TLV		OSHA PEL		NIOSH REL
	TWA	STEL	PEL	STEL	
Isopropyl alcohol	200 ppm	400 ppm	400 ppm	500 ppm	no data available
Alcohols, C12-15, ethoxylated	not available	not available	not available	not available	not available
Fragrance	not available	not available	not available	not available	not available
Engineering controls.....	No special ventilation requirements.				
Individual protection measures					
Eye/type.....	Safety glasses with side-shields.				
Gloves/ type.....	Wear chemical resistant protective gloves.				
Respiratory/type.....	None necessary under normal conditions of use.				
Hygiene measures.....	Handle in accordance with good industrial hygiene and safety practice. Wear clean long legged, long sleeved work clothes. Avoid contact with skin, eyes or clothing. Do not eat, drink, smoke or use cosmetics while working with this product.				

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance..... liquid.

Color..... yellow.

Odour..... lemon.

Odour threshold..... no data available.

pH..... 7-8.

Melting point (°C)..... not applicable.

Freezing point ( °C)..... 0.

Initial boiling point ( °C)..... 100.

Flash point (°C), Method..... >100°C, closed cup.

Evaporation rate..... no data available.

Upper flammability limit (% vol)..... no data available.

Lower flammability limit (% vol)..... no data available.

Vapour pressure (mm Hg)..... 17.5.

Vapour density (air=1)..... > 1.

Relative density/Specific Gravity..... 1.0.

Water solubility..... soluble.

Solubility in other solvents..... no data available.

Partition coefficient — n-octanol/water..... no data available.

Auto ignition temperature (°C)..... > 200 °C.

Thermal decomposition temperature..... no data available.

PRODUCT: LEMON CLEAN

CODE: 6168

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Viscosity..... thin liquid.

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity..... No hazardous reactions if stored and handled as prescribed/indicated.  
 Chemical stability..... The product is stable if stored and handled as prescribed/indicated.  
 Possibility of hazardous reactions..... No hazardous reactions when stored and handled according to instructions. The product is chemically stable.  
 Conditions to avoid..... Contact with incompatible materials.  
 Incompatible materials..... Acids and bases. Strong oxidizing agents.  
 Hazardous decomposition products..... Toxic gases/fumes may be given off during burning or thermal decomposition.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Isopropyl alcohol	41.7 mg/l (Inhl. rat, 4h)	4,720 mg/kg (oral,rat); 12,890 mg/kg (dermal, rabbit)
Alcohols, C12-15, ethoxylated	not available	1,650-2,000 mg/kg (oral-rat); >2,000 mg/kg (dermal-rabbit)
Fragrance	not available	not available
Routes of exposure		
Inhalation.....	None expected under normal use.	
Ingestion.....	May cause irritation of the stomach.	
Skin contact.....	May cause skin sensitization or other allergic responses.	
Eye contact.....	Contact may cause eyes irritation.	
Acute effects		
Acute oral toxicity.....	Acute toxicity estimate > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single ingestion.	
Acute dermal toxicity.....	LD50 (Rabbit) : > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single skin contact.	
Acute inhalation toxicity.....	Acute toxicity estimate : > 5 mg/l. Test atmosphere: dust/mist. Acute toxicity estimate : > 20 mg/l. Test atmosphere: vapour. Exposure time: 4 h. Method: calculation method. Virtually nontoxic by inhalation.	
Skin corrosion/irritation.....	Non-irritant.	
Serious eye damage/eye irritation.....	Result: Serious eye irritation.	
Respiratory or skin sensitisation.....	Assessment of sensitization: Contains a known or suspected skin sensitizer.	
Specific target organ toxicity (STOT) single exposure	Based on the available information there is no specific target organ toxicity to be expected after a single exposure.	
Aspiration hazard.....	No aspiration hazard expected.	
Chronic toxicity/effects		
Specific target organ toxicity (STOT) repeated exposure	No known significant effects or critical hazards.	
Carcinogenicity.....	No carcinogenic substances as defined by IARC, NTP, OSHA and/or ACGIH.	
Reproductive toxicity.....	No known significant effects or critical hazards.	
Germ Cell Mutagenicity.....	No known significant effects or critical hazards.	
Remarks.....	The product has not been tested. The statement has been derived from the properties of the individual components.	
Symptoms of Exposure.....	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known.	

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity..... Not expected to be harmful to aquatic organisms.  
 Persistence and degradability..... The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.  
 Bioaccumulative potential..... No data available.  
 Mobility in soil..... No data available.  
 Other adverse effects..... Very toxic to aquatic life with long lasting effects.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Disposal methods  
 Waste disposal of substance..... Dispose of in accordance with national, state and local regulations.  
 Container disposal ..... Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

**PRODUCT: LEMON CLEAN**

**CODE: 6168**

**SECTION 14: TRANSPORT INFORMATION**

TDG classification..... Not classified as a dangerous good under transport regulations.

**SECTION 15: REGULATORY INFORMATION**

WHMIS regulatory status..... This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015). This product is WHMIS 2015 controlled.

**SECTION 16: OTHER INFORMATION**

Disclaimer..... The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

Prepared by: ..... CanChem Consultant

Preparation date..... JAN 27/2021