



QWATRO CORPORATION
1870 ALBION ROAD, UNIT 3
ETOBICOKE ON. M9W 5T2
CANADA
416-746-4226

PRODUCT: APEX GUM AND GREASE REMOVER

CODE: 4117

SECTION 01: IDENTIFICATION

Supplier identifier..... Qwatro Corporation
1870 Albion Road, Unit 3
Etobicoke ON. M9W 5T2
Canada
(866) 488-2788
Product identifier..... APEX GUM AND GREASE REMOVER
Product code..... 4117
Emergency telephone number..... CANUTEC 24-hour number (613-996-6666).
Product use..... Cleaner and degreaser.

SECTION 02: HAZARD IDENTIFICATION



Hazard classification..... Skin Irritation — Category 2. Eye Irritation — Category 2. Specific Target Organ Toxicity - Single Exposure - Category 3 (narcotic effects). Carcinogenicity - Category 1. Germ Cell Mutagenicity — Category 2. Aspiration Hazard — Category 1.
Signal word..... DANGER.
Hazard statement..... H315 Causes skin irritation. H319 Causes serious eye irritation. H350 May cause cancer. H341 Suspected of causing genetic defects. H336 May cause drowsiness or dizziness. H304 May be fatal if swallowed and enters airways.
Precautionary statements
Prevention..... P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P264 Wash thoroughly after handling. P261 Avoid breathing fume/mist/vapours/spray. P271 Use only outdoors or in a well-ventilated area.
Response..... P308+P313 IF exposed or concerned: Get medical advice/attention. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P321 Specific treatment (see First Aid Measures on this Safety Data Sheet). P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash before reuse. 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. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 Do NOT induce vomiting. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor/physician if you feel unwell.
Storage..... P405 Store locked up. P403+P233 Store in a well-ventilated place. Keep container tightly closed.
Disposal..... P501 Dispose of contents/container to an approved waste disposal plant.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Trichloroethylene	79-01-6	60-70
Hydrotreated light petroleum distillates	64742-47-8	30-40

SECTION 04: FIRST-AID MEASURES

Routes of exposure
Inhalation..... Remove to fresh air. If irritation persists, consult a physician. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention immediately. Call a poison center or physician.
Ingestion..... Do not induce vomiting; aspiration hazard. Dilute with 1-2 glasses of water. Get medical aid. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Skin contact..... Immediately flush skin with plenty of water. Remove contaminated clothing and footwear. Wash contaminated clothing before reuse. If irritation develops, get medical aid.

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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. If irritation persists, contact a physician.
Medical attention and special treatment.....	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. IF exposed or concerned: Get medical advice/attention.
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.

SECTION 05: FIRE-FIGHTING MEASURES

Extinguishing media.....	Not flammable. Use an extinguishing agent suitable for the surrounding fire. Foam, Carbon dioxide (CO ₂), Dry chemical. Do not use water jet as an extinguisher, as this will spread the fire.
Hazardous combustion products.....	Harmful vapours. Carbon oxides. Chlorine, Hydrogen chloride gas. The substances/groups of substances mentioned can be released in case of fire.
Special protective equipment and precautions	Move containers from fire area if this can be done without risk. Firefighters should be equipped with self-contained breathing apparatus and turn-out gear. Cool closed containers exposed to fire with water spray.
Further information.....	During fire, gases hazardous to health may be formed. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unnecessary and unprotected personnel from entering. Local authorities should be advised if significant spillages cannot be contained.
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	Ventilate area. Absorb in vermiculite, dry sand or earth and place into container. Contaminated absorbent material may pose the same hazards as the spilled product. Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water. Dispose of absorbed material in accordance with regulations.

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. Do not get in eyes, on skin or on clothing. Avoid inhalation of mists/vapours/fumes. Wash thoroughly after handling. Keep container tightly closed. Avoid contact during pregnancy/while nursing.
Storage needs.....	Keep in a dry, cool and well-ventilated place. Keep containers tightly closed when not in use.
Materials to avoid	

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Trichloroethylene	10 ppm	25 ppm	100 ppm	200 ppm	25 ppm
Hydrotreated light petroleum distillates	200 ppm	500 ppm	200 ppm	500 ppm	not available
Engineering controls.....	Good general ventilation (typically 10 air changes per hour) should be used.				
Individual protection measures					
Eye/type.....	Safety glasses with side-shields.				
Gloves/ type.....	Wear chemical resistant protective gloves.				
Respiratory/type.....	Generally not required. Wear respiratory protection if ventilation is inadequate.				
Hygiene measures.....	Handle in accordance with good industrial hygiene and safety practice. Wear clean long legged, long sleeved work clothes. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities.				

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SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance.....	liquid.
Color.....	clear.
Odour.....	solvent odour.
Odour threshold.....	no data available.
pH.....	no data available.
Melting point (°C).....	not applicable.
Freezing point (°C).....	no data available.
Initial boiling point (°C).....	72.
Flash point (°C), Method.....	>94 CC.
Evaporation rate.....	no data available.
Upper flammability limit (% vol).....	no data available.
Lower flammability limit (% vol).....	no data available.
Vapour pressure (mm Hg).....	no data available.
Vapour density (air=1).....	> 1.
Relative density/Specific Gravity.....	1.05.
Water solubility.....	insoluble.
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.
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.....	No data available.
Incompatible materials.....	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
Trichloroethylene	141 mg/l (Inhalation-rat, 4H)	4,900 mg/kg (oral-rat); 29,280 mg/kg (dermal-rabbit)
Hydrotreated light petroleum distillates	not available	not available
Routes of exposure		
Inhalation.....	High concentrations of vapors may be irritating to the respiratory tract. May cause headaches, dizziness, nausea and vomiting.	
Ingestion.....	Ingestion of this product may cause nausea, vomiting and diarrhea. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury .	
Skin contact.....	Prolonged or repeated contact may dry skin and cause irritation.	
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 : > 20 mg/l. Exposure time: 4 h. Test atmosphere: vapour. Virtually nontoxic by inhalation. Method: calculation method.	
Skin corrosion/irritation.....	Result: Moderate skin irritation.	
Serious eye damage/eye irritation.....	Result: Serious eye irritation.	
Respiratory or skin sensitisation.....	Non-sensitizing.	
Specific target organ toxicity (STOT) single exposure	Inhalation may cause narcosis.	
Aspiration hazard.....	Aspiration hazard. If swallowed, may be aspirated and cause lung damage.	
Chronic toxicity/effects		
Specific target organ toxicity (STOT) repeated exposure	No known significant effects or critical hazards.	
Carcinogenicity.....	May cause cancer. Risk of cancer depends on duration and level of exposure. Trichloroethylene : IARC Group 1 (carcinogenic to humans) , ACGIH A2 (suspected human carcinogen).	
Reproductive toxicity.....	No known significant effects or critical hazards.	
Germ Cell Mutagenicity.....	Trichloroethylene: suspected of causing genetic defects.	
Remarks.....	The product has not been tested. The statement has been derived from the properties of the individual components.	

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SECTION 11: TOXICOLOGICAL INFORMATION

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..... May be dangerous for the environment. No data is available on the product itself. Should not be released into the environment. .
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..... No data available.

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.

SECTION 14: TRANSPORT INFORMATION

TDG classification..... UN2810, Toxic liquid, organic, n.o.s. (contains trichloroethylene), Class 6.1, PGIII.

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
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