



Seachoice  
3131 N. Andrews Ave. Ext.  
Pompano Beach, Florida, 33064  
US

**PRODUCT: 90841 DENATURED ALCOHOL QT**

### SECTION 01: IDENTIFICATION

Initial supplier identifier..... Pro Form Products Ltd.  
604 McGeachie Drive  
Milton, Ontario L9T3Y5  
Tel (905) 878-4990 Fax (905) 878-1189

Product identifier..... 90841 DENATURED ALCOHOL QT

Recommended use and restrictions on .. Coatings.  
use

Chemical family..... Alcohol. Mixture.

NFPA rating..... Health: 3 Fire: 1 Reactivity: 0.

HMIS..... H: 3 F: 1 R: 0.

24 hour emergency number..... For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CAN-UTEC);  
IN THE UNITED STATES CALL CHEMTREC 1-800-424-9300.  
\*\* For medical emergencies contact your local poison control centre \*\*.

### SECTION 02: HAZARD IDENTIFICATION



Signal Word..... DANGER.

Hazard Classification..... Flammable Liquid 2. Acute Toxicity 4. Acute Toxicity (Dermal) — Category 4. Skin Corrosion/Irritation — Category 2. Eye Damage/Irritation — Category 2B. Specific Target Organ Toxicity — Single Exposure — Category 1. Specific Target Organ Toxicity — Single Exposure — Category 3. (Respiratory system).

Hazard Description..... H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H315 Causes skin irritation. H320 Causes eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H370 Causes damage to organs.

Prevention..... P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion proof equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P260 Do not breathe mist, vapours, or spray. P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling. P270 Do not eat drink or smoke while using this product. P271 Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye protection.

Response ..... P302 + P352 - If on skin: wash with plenty of water. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower. P305 + P351 + P338 If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing until medical help arrives. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P308 + P311 If exposed or concerned; call a poison center or doctor. P312 Call a POISON CENTER/doctor if you feel unwell. P321 - For specific treatment see section 4 on this SDS. P332 + P313 - If skin irritation occurs get medical attention or advice. P337 + P313 - If eye irritation persists get medical attention. P362 + P364 - Take off contaminated clothing and wash before reuse. P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish.

Storage..... P403+P433+P435 Store in a well ventilated area. Keep container tightly closed. Keep cool. P405 Store locked up.

Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.

Other hazards..... None known.

**PRODUCT: 90841 DENATURED ALCOHOL QT****SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Ethyl Alcohol	64-17-5	80-100
Methanol	67-56-1	10-30

**SECTION 04: FIRST-AID MEASURES**

Eye contact.....	In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Check for and remove any contact lenses, if safe and easy to do so. Protect unharmed eye. Obtain medical attention.
Skin contact.....	Immediately flush skin with plenty of soap and water. Remove contaminated clothing. Wash clothing before reuse. Obtain medical attention.
Inhalation.....	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.
Ingestion.....	Do not induce vomiting. Keep respiratory tract clear. Never give anything by mouth to an unconscious person. Do not give milk or alcoholic beverages. Take victim immediately to a hospital.
Most important symptoms and effects, ..... whether acute or delayed	Harmful if swallowed, in contact with skin or if inhaled. Causes skin and eye irritation.
Additional information.....	Treat victims symptomatically. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet.

**SECTION 05: FIRE-FIGHTING MEASURES**

Suitable extinguishing media.....	Alcohol resistant foam. Carbon dioxide. Dry chemical.
Unsuitable extinguishing media.....	Water.
Special protective equipment and ..... precautions for fire-fighters	Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture. Keep run-off water from entering sewers and other waterways. Dike for water control.
Unusual fire / explosion hazards.....	For safety reasons in case of fire, cans should be stored separately in closed containments.
Specific hazards arising from the ..... hazardous product, such as the nature of any hazardous combustion products	Oxides of carbon (CO, CO2).

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	Ventilate area, eliminate all sources of ignition, sound alarm, avoid all skin and eye contact and avoid breathing vapours. Evacuate personnel to a safe area. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Environmental precautions.....	Do not allow product to leak into drains or waterways. If spill does contaminate waterways then inform authorities.
Methods and materials for containment and cleaning up	Dike area to contain the spill, prevent runoff from going into drains, absorb residual material with an inert absorbent, shovel or pump to a properly labelled container and dispose of as a hazardous waste.

**SECTION 07: HANDLING AND STORAGE**

Precautions for safe handling.....	Do not spray on a naked flame or any incandescent material. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Use explosion proof equipment. Keep away from heat, sparks, and open flame. Avoid formation of aerosol. Ground handling equipment. Avoid breathing vapours or mist. Smoking, eating and drinking should be prohibited in the application area. Take precautions against static discharge. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water according to local, Provincial and Federal guidelines.
Conditions for safe storage, including any incompatibilities	No smoking. Keep container closed when not in use. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. Store away from all sources of heat and ignition. Store in a cool, dry and well ventilated area.

**PRODUCT: 90841 DENATURED ALCOHOL QT****SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Ethyl Alcohol	1,000 ppm CA ON: 1,000 ppm (STEL)	Not established	1,000 ppm	Not established	1,000 ppm
Methanol	200 ppm CA ON: 200 ppm (TWA), 250 ppm (STEL)	250 ppm skin	200 ppm	Not established	200 ppm / STEL 250 ppm
Eye/type.....	Chemical safety goggles and full faceshield if a splash hazard exists. Consult your personal protective equipment supplier for additional recommendations.				
Gloves/ type.....	Impervious gloves. Consult your personal protective equipment supplier for additional recommendations.				
Respiratory/type.....	None required under normal use. If vapors form use a respirator with approved filter. Consult your personal protective equipment supplier for additional recommendations.				
Clothing/type.....	Wear chemical resistant clothing. Consult your personal protective equipment supplier for additional recommendations.				
Footwear/type.....	Safety boots per local regulations. Consult your personal protective equipment supplier for additional recommendations.				
Other/type.....	Emergency showers and eye wash stations should be available. Employees should wash their hands and face before eating, drinking, or using tobacco products.				
Appropriate engineering controls.....	Ventilation system should be designed for vapors and explosion proof for handling solvent vapors.				

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Physical state.....	Liquid.
Colour.....	Colourless.
Odour.....	Alcohol odour. Ester odour.
Odour threshold (ppm).....	No data.
pH.....	No data.
Melting / Freezing point (deg C).....	No data.
Initial boiling point / boiling range (deg C).....	75.6 C.
Flash point (deg C), method.....	12.5 C. Tag closed cup.
Evaporation rate.....	1.8.
Flammability (solids and gases).....	No data.
Upper flammable limit (% vol).....	No data.
Lower flammable limit (% vol).....	No data.
Vapour pressure (mm Hg).....	No data.
Vapour density (air=1).....	No data.
Relative Density (Specific Gravity).....	No data.
Solubility.....	In Water;. Completely miscible.
Partition coefficient — n-octanol/water.....	No data.
Auto ignition temperature (deg C).....	No data.
Decomposition temperature.....	Not available.
Viscosity.....	Not available.
VOC Content.....	6.58 lbs/gallon.

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity .....	Non-reactive under normal conditions of use, storage or transport.
Chemical stability.....	Stable at normal temperatures and pressures.
Possibility of hazardous reactions.....	No dangerous reaction known under conditions of normal use. .
Conditions to avoid, including static .....	Incompatible with strong oxidizers. Keep away from heat. Ignition sources.
discharge, shock or vibration	
Hazardous decomposition products.....	Oxides of carbon (CO,CO2). Formaldehyde.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Ethyl Alcohol	20,000 ppm 10 hours rat	3,400 mg/kg oral mouse
Methanol	128.2 mg/L, 4h rat	420 mg/kg (oral); 5,628 mg/kg (rat oral); 15,800 mg/kg (rabbit dermal)
Acute Toxicity Estimate (ATE).....	ATE mix (oral): . 729.93 mg/kg. ATE mix (dermal):. 2190 mg/kg. ATE mix (inhalation):. 21.9 mg/L; 4 hr; vapour.	

**PRODUCT: 90841 DENATURED ALCOHOL QT****SECTION 11: TOXICOLOGICAL INFORMATION**

Route of exposure.....	Eye contact. Skin contact. Inhalation. Skin absorption.
Effects of acute exposure.....	Hazardous in contact with skin, by ingestion, and by inhalation. Causes serious eye irritation. Can cause moderate skin irritation, defatting and dermatitis. May be harmful if absorbed through the skin. Methyl alcohol is rapidly absorbed by inhalation. Breathing of high vapour concentrations may cause anesthetic effects and serious health effects. Inhalation of high vapour may cause central nervous system effects, dizziness, headache, nausea, or loss of coordination. Regardless of the route of exposure, methyl alcohol is easily and uniformly distributed in all organs and tissues, in direct relation to their water content, the maximum concentration being found in the blood. Studies in animals have shown significant concentrations in the muscles, kidneys, gastrointestinal tract, lungs, brain and liver. .
Effects of chronic exposure.....	Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal. Methyl alcohol: A study was carried out among workers operating copying machines based on methanol (purity of 99%). Workers' exposure ranged from 1 hour per day, 1 day a week to 8 hours a day, 5 days a week, for 3 years. The methanol concentrations were between 365 and 3080 ppm. Headache, dizziness, nausea and blurred vision have been reported. In another study, severe and recurrent headaches were reported in workers exposed to concentrations ranging from 200 to 375 ppm.
Carcinogenicity.....	Ethanol is a confirmed animal carcinogen with unknown relevance to humans by ACGIH .
Reproductive effects.....	Not available.
Respiratory or Skin Sensitization.....	Not available.
Serious eye damage/eye irritation.....	Not available.
STOT-SE.....	Methanol - eyes, CNS - Category 1.
STOT-RE.....	Not available.
Aspiration Hazard.....	Does not meet the criteria for this classification.

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity.....	Not available.
Bioaccumulative potential.....	Not available.
Mobility in soil.....	Not available.
Persistence and degradability.....	Not available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Information on safe handling for disposal and methods of disposal, including any contaminated packaging	This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations.
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**SECTION 14: TRANSPORT INFORMATION**

TDG Classification.....	UN1986 - ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (Ethanol, Methanol), Class 3(6.1), PG II. Limited Quantity exemption when packaged in containers less than 1 litre.
DOT Classification (Road).....	UN1986 - ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (Ethanol, Methanol), Class 3(6.1), PG II. Ltd Qty: 0.26 US Gallon.
IATA Classification (Air).....	UN1986 - ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (Ethanol, Methanol), Class 3(6.1), PG II. Limited Quantity. Do not ship by air without checking appropriate IATA regulations.
IMDG Classification (Marine).....	UN1986 - ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (Ethanol, Methanol), Class 3(6.1), PG II. Limited Quantity.
Marine Pollutant.....	No.
Proof of Classification.....	In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct. .

**SECTION 15: REGULATORY INFORMATION**

CEPA status.....	On Domestic Substances List (DSL).
National Pollutant Release Inventory (NPRI) Categorization of the DSL.....	(CAS # 64-17-5 - CAT 5). (CAS # 67-56-1 (Cat 1A &5)). (CAS # 67-56-1). (CAS # 64-17-5).
TSCA inventory status.....	All components are either listed or exempt from the TSCA. .
OSHA.....	This product is considered hazardous under the OSHA Hazard Communication Standard.
SARA Title III	
Section 302 - extremely hazardous substances	None.
Section 311/312 - hazard categories.....	Immediate health, delayed health, fire hazard.
Section 313.....	Methanol.
EPA hazardous air pollutants (HAPS) 40CFR63	Methanol.
California Proposition 65.....	(Methanol (D)). *WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

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SECTION 16: OTHER INFORMATION

Prepared by: ..... REGULATORY AFFAIRS.

Telephone number:..... (800) 387-7981.

Disclaimer:..... DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed to be correct as of the date of issue but we make no representations as to its accuracy or sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The 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.

Review Date:..... 2022-11-30.

Date of the latest revision of the safety .. 2024-05-14

data sheet