

**Section 1: PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Hydro Paint Cleaner  
**Product Use:** Cleaner.  
**Manufacturer/Supplier:** Fillon Technologies  
 2 route de Houdan  
 28210 Faverolles – France  
**Phone Number:** 1-800-777-1583 (Fillon Technologies North America)  
**Emergency Phone:** 1-800-777-1583 (toll-free)  
**Date of Preparation:** September 27, 2010

**Section 2: HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

CAUTION

MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. CONTENTS UNDER PRESSURE. CONTAINER MAY EXPLODE IF HEATED.

**Potential Health Effects:** See Section 11 for more information.

**Likely Routes of Exposure:** Skin contact, eye contact, and inhalation.

- Eye:** May cause eye irritation.
- Skin:** May cause skin irritation.
- Ingestion:** Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
- Inhalation:** May cause respiratory tract irritation. Vapours may cause drowsiness and dizziness.

**Chronic Effects:** Prolonged or repeated contact may dry skin and cause irritation.

**Signs and Symptoms:** Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

**Medical Conditions Aggravated By Exposure:** Asthma. Allergies.

**Target Organs:** Skin, eyes and respiratory system.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

This product is a hazardous chemical as defined by NOM-018-STPS-2000.

**Potential Environmental Effects:** May cause long-term adverse effects in the aquatic environment. See Section 12 for more information.

**Section 3: COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient	UN Number	H / F/ R / Special*	CAS #	Wt. %
Dipropylene glycol methyl ether	Not available.	0/2/0	34590-94-8	7 - 13
Ethanol, 2,2',2"-nitrioltris-	Not available.	Not available.	102-71-6	1 - 5
Nitrous oxide	UN 1070	2/0/0	10024-97-2	1 - 5
Isopropanol	UN 1219	1/3/0	67-63-0	0.5 - 1.5

\* Per NOM-018-STPS-2000

**Section 4: FIRST AID MEASURES**

- Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
- Skin Contact:** In case of contact, immediately flush skin with plenty of water. Call a physician if irritation develops and persists.
- Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
- Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
- General Advice:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).
- Note to Physicians:** Symptoms may not appear immediately.

**Section 5: FIRE FIGHTING MEASURES**

- Flammability:** Not flammable by WHMIS/OSHA criteria.
- Means of Extinguishing:**
- Suitable Extinguishing Media:** Powder, water spray, foam, carbon dioxide.
  - Unsuitable Extinguishing Media:** Not available.
- Products of Combustion:** May include, and are not limited to: oxides of carbon, oxides of nitrogen.
- Explosion Data:**
- Sensitivity to Mechanical Impact:** Not available.
  - Sensitivity to Static Discharge:** Not available.
- Protection of Firefighters:** Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

**Section 6: ACCIDENTAL RELEASE MEASURES**

- Personal Precautions:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.
- Environmental Precautions:** Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.
- Methods for Containment:** Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
- Methods for Clean-Up:** Scoop up material and place in a disposal container. Provide ventilation.
- Other Information:** Not available.

**Section 7: HANDLING AND STORAGE**

**Handling:**

Keep away from sources of ignition. No smoking. Avoid contact with skin and eyes. Do not swallow. Do not breathe gas/fumes/vapor/spray. Use only in well-ventilated areas. Launder contaminated clothing before reuse. When using do not eat or drink. Wash hands before eating, drinking, or smoking.

**Storage:**

Keep out of the reach of children. Keep container in a well-ventilated place. Do not store at temperatures above 49 °C / 120 °F.

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

**Exposure Guidelines**

Ingredient	Exposure Limits	
	OSHA-PEL	ACGIH-TLV
Dipropylene glycol methyl ether	100 ppm	100 ppm
Ethanol, 2,2',2"-nitrotris-	Not available.	5 mg/m <sup>3</sup>
Nitrous oxide	25 ppm	Not available.
Isopropanol	400 ppm	200 ppm

**Engineering Controls:** Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

**Personal Protective Equipment:**

**Eye/Face Protection:** Wear eye/face protection.

**Hand Protection:** Wear suitable gloves.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**General Hygiene Considerations:** Handle according to established industrial hygiene and safety practices.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Clear.
<b>Color:</b>	Light yellow.
<b>Odour:</b>	Characteristic.
<b>Odour Threshold:</b>	Not available.
<b>Physical State:</b>	Gas/Pressurized Liquid.
<b>pH:</b>	10.48
<b>Viscosity:</b>	Not available.
<b>Freezing Point:</b>	Not available.
<b>Boiling Point:</b>	Not available.
<b>Flash Point:</b>	Not available.
<b>Evaporation Rate:</b>	Not available.
<b>Lower Flammability Limit:</b>	Not available.
<b>Upper Flammability Limit:</b>	Not available.

# MATERIAL SAFETY DATA SHEET

Hydro Paint Cleaner

<b>Vapor Pressure:</b>	8bar @ 20°C (68°F)
<b>Vapor Density:</b>	Not available.
<b>Specific Gravity:</b>	Not available.
<b>Solubility in Water:</b>	Insoluble.
<b>Coefficient of Water/Oil Distribution:</b>	Not available.
<b>Auto-ignition Temperature:</b>	Not available.
<b>Percent Volatile, wt. %:</b>	Not available.
<b>VOC content, wt. g/L:</b>	111 g/L

## Section 10: STABILITY AND REACTIVITY

**Stability:** Stable under normal storage conditions. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn. Keep in a cool place.

**Conditions of Reactivity:** Heat. Incompatible materials.

**Incompatible Materials:** Acids. Bases. Oxidizers.

**Hazardous Decomposition Products:** May include, and are not limited to: oxides of carbon, oxides of nitrogen.

**Possibility of Hazardous Reactions:** No dangerous reaction known under conditions of normal use.

## Section 11: TOXICOLOGY INFORMATION

### EFFECTS OF ACUTE EXPOSURE

#### Component Analysis

<b>Ingredient</b>	<b>IDLH</b>	<b>LD<sub>50</sub> (oral)</b>	<b>LC<sub>50</sub></b>
Dipropylene glycol methyl ether	600 ppm	5230 mg/kg, rat	Not available.
Ethanol, 2,2',2"-nitrioltris-	Not available	4000 mg/kg, rat	Not available.
Nitrous oxide	Not available	Not available.	>250 ppm, 4hr, rat
Isopropanol	2000 ppm	4396 mg/kg, rat	72.6 mg/L 4hr, rat

**Eye:** May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

**Skin:** May cause skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

**Ingestion:** Not a normal route of exposure. May cause stomach distress, nausea or vomiting.

**Inhalation:** May cause respiratory tract irritation. Vapours may cause drowsiness and dizziness.

### EFFECTS OF CHRONIC EXPOSURE

**Target Organs:** Not available.

**Chronic Effects:** Not hazardous by WHMIS/OSHA criteria.

**Carcinogenicity:** Not hazardous by WHMIS/OSHA criteria.

### Ingredient

Dipropylene glycol methyl ether  
 Ethanol, 2,2',2''-nitrilotris-  
 Nitrous oxide  
 Isopropanol

### Chemical Listed as Carcinogen or Potential Carcinogen \*

Not listed.  
 Not listed.  
 G-A4, CP65  
 G-A4, I-3

\* See Section 15 for more information.

**Mutagenicity:** Not hazardous by WHMIS/OSHA criteria.

**Reproductive Effects:** Not hazardous by WHMIS/OSHA criteria.

### Developmental Effects:

**Teratogenicity:** Hazardous by WHMIS/OSHA criteria.

**Embryotoxicity:** Hazardous by WHMIS/OSHA criteria.

**Respiratory Sensitization:** Not hazardous by WHMIS/OSHA criteria.

**Skin Sensitization:** Not hazardous by WHMIS/OSHA criteria.

**Toxicologically Synergistic Materials:** Not available.

## Section 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** May cause long-term adverse effects in the aquatic environment.

**Persistence / Degradability:** Not available.

**Bioaccumulation / Accumulation:** Not available.

**Mobility in Environment:** Not available.

## Section 13: DISPOSAL CONSIDERATIONS

### Disposal Instructions:

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

## Section 14: TRANSPORTATION INFORMATION

### DOT Classification

UN1950; Aerosols, non-flammable; Class 2.2  
 ORM-D (≤ 1L)

### TDG Classification

UN1950; Aerosols, non-flammable; Class 2.2  
 Limited Quantity (≤ 1L)

### NOM-004-SCT2-1994 Classification

UN1950; Aerosols, non-flammable; Class 2.2  
 Limited Quantity (≤ 1L)

## Section 15: REGULATORY INFORMATION

### Federal Regulations

**Canadian:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**US:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).

**Mexico:** MSDS prepared pursuant to NOM-018-STPS-2000.

**SARA Title III**

<b>Ingredient</b>	<b>Section 302 (EHS) TPQ (lbs.)</b>	<b>Section 304 EHS RQ (lbs.)</b>	<b>CERCLA RQ (lbs.)</b>	<b>Section 313</b>
Dipropylene glycol methyl ether	Not listed.	Not listed.	Not listed.	Not listed.
Ethanol, 2,2',2"-nitrilotris-	Not listed.	Not listed.	Not listed.	Not listed.
Nitrous oxide	Not listed.	Not listed.	Not listed.	Not listed.
Isopropanol	Not listed.	Not listed.	Not listed.	Yes.

**State Regulations**

**California Proposition 65:**

This product contains a chemical known to the state of California to cause cancer.

**Global Inventories**

<b>Ingredient</b>	<b>Canada DSL/NDSL</b>	<b>USA TSCA</b>
Dipropylene glycol methyl ether	DSL	Yes.
Ethanol, 2,2',2"-nitrilotris-	DSL	Yes.
Nitrous oxide	DSL	Yes.
Isopropanol	DSL	Yes.

**HMIS - Hazardous Materials Identification System**

**Health - 1\*    Flammability - 1    Physical Hazard - 1**

**NFPA - National Fire Protection Association:**

**Health - 1    Fire - 1    Reactivity - 1**

**Hazard Rating:** 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

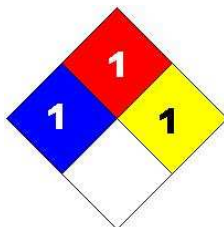
**WHMIS Classification(s):**

- Class A - Compressed Gas
- Class D2A - Teratogenicity and Embryotoxicity
- Class D2B - Skin/Eye Irritant

**WHMIS Hazard Symbols:**



**Mexico Classification:**



**Blue = Health    Red = Flammability    Yellow = Reactivity    White = Special**

**Hazard Rating:** 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

**SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:**

- OSHA (O)** Occupational Safety and Health Administration.
- ACGIH (G)** American Conference of Governmental Industrial Hygienists.  
A1 - Confirmed human carcinogen.  
A2 - Suspected human carcinogen.  
A3 - Animal carcinogen.  
A4 - Not classifiable as a human carcinogen.  
A5 - Not suspected as a human carcinogen.
- IARC (I)** International Agency for Research on Cancer.  
1 - The agent (mixture) is carcinogenic to humans.  
2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.  
2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.  
3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.  
4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.
- NTP (N)** National Toxicology Program.  
1 - Known to be carcinogens.  
2 - Reasonably anticipated to be carcinogens.

**Section 16: OTHER INFORMATION**

**Disclaimer:**

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

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