



Pro Form Products Ltd.  
604 McGeachie Drive  
Milton, Ontario, L9T 3Y5  
Canada  
905-878-4990

**PRODUCT: PF 786 RUST CONVERTER 946ML**
**Section 01: Chemical product and company identification**

Product name..... PF 786 RUST CONVERTER 946ML  
 Manufactured for..... Pro Form Products Ltd.  
 604 McGeachie Drive  
 Milton, Ontario L9T3Y5  
 Tel (905) 878-4990 Fax (905) 878-1189  
 24 hour emergency number..... IN CANADA CALL CANUTEC (613) 996-6666-IN THE UNITED STATES CALL  
 CHEMTREC (800) 424-9300.  
 Material use..... Rust proofing. This product should not be used for any other purpose other than the ones  
 described in this section.  
 Chemical family..... Mixture.  
 Preparation date..... March 11, 2015.  
 Hazard rate  
 NFPA rating..... Health: 3 Fire: 1 Reactivity: 0.  
 HMIS..... H: 3 F: 1 R: 0.

**Section 02: Hazards identification**


Signal Word..... DANGER.  
 Hazard Classification..... Skin Corrosion 1B. STOT SE 3.  
 Hazard Description..... H314 Causes severe skin burns and eye damage. H336 May cause drowsiness or  
 dizziness.  
 Precautionary Statements..... P260 Do not breathe mist, vapours, or spray. P264 Wash hands thoroughly after handling.  
 P271 Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye  
 protection.  
 Response ..... P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and  
 follow instructions provided by the centre. P303 + P361 + P353 If on skin or in hair: take off  
 all contaminated clothing immediately. Rinse thoroughly with water and use safety shower .  
 P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing.  
 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. P310  
 - Immediately call your local poison control centre. P312 Call a POISON CENTER/doctor if  
 you feel unwell. P321 - Consult with a doctor or poison control centre if skin is itchy or a  
 skin rash develops or you feel unwell. P363 - Wash contaminated clothing before reuse.  
 Storage..... P403 + P233 Store in a well ventilated area. Keep container tightly closed. P405 Store  
 locked up.  
 Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.

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

Hazardous Ingredients	CAS #	Wt. %
PHOSPHORIC ACID	7664-38-2	10-30
ISOPROPYL ALCOHOL	67-63-0	1-5
CUPRIC SULFATE	7758-99-8	1-5

**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.  
 Skin contact..... Remove all contaminated clothing and immediately wash the exposed areas with copious  
 amounts of water for a minimum of 30 minutes or up to 60 minutes for critical body areas.  
 Chemical burns must be treated immediately by a physician.  
 Inhalation..... If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is  
 difficult, give oxygen, obtain medical attention.

**PRODUCT: PF 786 RUST CONVERTER 946ML****Section 04: First aid measures**

Ingestion..... Do not induce vomiting. If ingestion is suspected, contact physician or poison control center immediately. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person.

Additional information..... Treat victims symptomatically. Use good hygiene practices. 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**

Extinguishing media..... "Alcohol" foam, CO<sub>2</sub>, dry chemical. In cases of larger fires, water spray should be used.

Hazardous combustion products..... Oxides of carbon (CO, CO<sub>2</sub>).

Special fire fighting procedures..... 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.

**Section 06: Accidental release measures**

Leak/spill..... Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. Wear proper protective equipment. Spilled material and water rinses are classified as chemical waste, and must be disposed of in accordance with current local, provincial, state, and federal regulations. Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Shovel into suitable unsealed containers, transport to well-ventilated area (outside) and treat with neutralizing solution: mixture of water (80%) with non-ionic surfactant Tergitol TMN-10 (20%); or water (90%), concentrated ammonia (3-8%) and detergent (2%).

**Section 07: Handling and storage**

Handling procedures..... Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Avoid breathing vapours or mist. Ground handling equipment. Handle and open container with care. Employees should wash hands and face before eating or drinking. Keep away from heat, sparks, and open flame.

Storage needs..... Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from oxidizing and reducing materials. Store away from sunlight.

**Section 08: Exposure controls / personal protection**

Ingredients	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
PHOSPHORIC ACID	1 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
	No data				
ISOPROPYL ALCOHOL	200 ppm	400 ppm	400 ppm	500 ppm	400 ppm
CUPRIC SULFATE	Not established	Not established	Not established	Not established	Not established
	1 mg/m <sup>3</sup>				
Protective equipment					
Eye/type.....	Liquid chemical goggles.				
Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.				
Gloves/ type.....	Chemical resistant gloves.				
Clothing/type.....	Wear adequate protective clothes.				
Footwear/type.....	Safety boots per local regulations.				
Other/type.....	Emergency showers and eye wash stations should be available.				
Ventilation requirements.....	Local exhaust at points of emission.				
Exposure limits					

**Section 09: Physical and chemical properties**

Physical state..... Liquid.

Colour..... Blue.

Odour..... Odourless.

Odour threshold (ppm)..... No data.

Vapour pressure (mm Hg)..... 4.1 kPa @ 20°C .

**PRODUCT: PF 786 RUST CONVERTER 946ML****Section 09: Physical and chemical properties**

Vapour density (air=1).....	>1.
pH.....	2.0 - 4.0.
Density.....	8.99 lb/usg - 1.077 g/mL.
Specific gravity.....	1.077.
Freezing point (deg C).....	No data.
Solubility.....	Complete.
Boiling point (deg C).....	>82°C .
Evaporation rate.....	No data.
Flash point (deg C), method.....	> 93.3°C .
Auto ignition temperature (deg C).....	No data.
Upper flammable limit (% vol).....	Not available.
Lower flammable limit (% vol).....	Not available.
Coefficient of water/oil distribution.....	No data.
% Volatile by volume.....	Not available.
VOC.....	Not available.
Viscosity.....	Not available.

**Section 10: Stability and reactivity**

Stability.....	Stable at normal temperatures and pressures.
Reactivity conditions.....	Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
Incompatibility.....	Keep away from heat. Incompatible with strong oxidizers.
Hazardous products of decomposition.....	By fire: Dense black smoke. Oxides of carbon (CO,CO2).
Hazardous polymerization.....	Hazardous polymerization will not occur.

**Section 11: Toxicological information**

Ingredients	LC50	LD50
PHOSPHORIC ACID	1.689 mg/L 1 hour rabbit	1,530 mg/kg rat oral 2,740 mg/kg rabbit dermal
ISOPROPYL ALCOHOL	16,000 ppm 8 hours rat	5,000 mg/kg rat oral 12,800 mg/kg rabbit dermal
CUPRIC SULFATE	Not available	960 mg/kg RAT ORAL
Route of entry .....	Eye contact. Skin contact. Inhalation.	
Effects of chronic exposure.....	Breathing high concentrations of vapour may cause anesthetic effects and serious health effects.	
Skin contact.....	Severe irritation. Symptoms may include redness, swelling, itching, dryness, cracking, blistering and pain. Can cause chemical burns.	
Skin absorption.....	May be absorbed by the skin.	
Eye contact.....	Severe irritant, causing burning, reddening & tearing. Permanent damage is possible.	
Inhalation (acute).....	Irritant. Symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. .	
Ingestion.....	May be harmful if swallowed. Symptoms can include sore throat, abdominal pain, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal. Corrosive.	
Carcinogenicity of material.....	None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.	
Reproductive effects.....	None.	
Toxicological Data		

**Section 12: Ecological information**

Environmental.....	Do not allow to enter waters, waste water or soil.
Biodegradability.....	No data.

**Section 13: Disposal considerations**

Waste disposal.....	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.
---------------------	---

**PRODUCT: PF 786 RUST CONVERTER 946ML****Section 14: Transport information**

TDG Classification..... UN1760 - Corrosive liquids, NOS (Phosphoric acid) - Class 8 - Packing Group III - This product meets the Limited Quantity exemption when packaged in containers less than 5 liters.

DOT Classification (Road)..... UN1760 - Corrosive liquids, NOS (Phosphoric acid) - Class 8 - Packing Group III - Ltd Qty (5 Liters/1.3 Gallons).

IATA Classification (Air)..... UN1760 - Corrosive liquids, NOS (Phosphoric acid) - Class 8 - Packing Group III.

IMDG Classification (Marine)..... UN1760 - Corrosive liquids, NOS (Phosphoric acid) - Class 8 - Packing Group III - EmS: F-E S-E.

Marine Pollutant..... Potential marine pollutant.

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**

WHMIS classification..... D2B. E.

CEPA status..... On Domestic Substances List (DSL).

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..... Isopropyl alcohol.

EPA hazardous air pollutants (HAPS) ..... None.

40CFR63

TSCA inventory status..... All components are listed.

California Proposition 65..... This product does not contain any chemical(s) known to the State of California to cause cancer or reproductive toxicity.

**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.

Preparation date: ..... Mar11/15