



Pro Form Products Ltd.  
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Milton, Ontario, L9T 3Y5  
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**PRODUCT: PF 655 SUPER KICK ACCELERATOR**

### 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..... PF 655 SUPER KICK ACCELERATOR

Recommended use and restrictions on .. Accelerator and activator.  
use

Chemical family..... Mixture.

NFPA rating..... Health: 2 Fire: 4 Reactivity: 0.

HMIS..... H: 2 F:4 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. Eye Irritation — Category 2A. Specific Target Organ Toxicity —  
Single Exposure — Category 3. (narcotic effects). (respiratory system).

Hazard Description..... H319 Causes serious eye irritation. H225 Highly flammable liquid and vapour. H335 May  
cause respiratory irritation. H336 May cause drowsiness or dizziness.

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. P261 Avoid breathing mists, vapours and  
sprays. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well  
ventilated area. P280 Wear protective gloves and eye protection.

Response ..... P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. 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. P337 + P313 - If eye irritation persists get  
medical attention. P304 + P340 - If inhaled remove person to fresh air and keep  
comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell.

Storage..... P233 Keep container tightly closed. P403 + P235 Store in well ventilated area. Keep cool.  
P405 Store locked up.

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

Note ..... This product mixture has been classified based on its ingredients.

### SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Acetone	67-64-1	80-100
Bismuth Neodecanoate	34364-26-6	1-5
Naphtha (petroleum), hydrotreated heavy	64742-48-9	0.5-1.5
Neodecanoic acid, lithium salt	27253-30-1	0.5-1.5

<<The actual concentration(s) withheld as a trade secret>> .

**PRODUCT: PF 655 SUPER KICK ACCELERATOR****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. Obtain medical attention.
Skin contact.....	Immediately flush skin with plenty of soap and water. Remove contaminated clothing. Wash clothing before reuse. If irritation persists, seek 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. 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.
Most important symptoms and effects, .... whether acute or delayed	Acetone is a serious eye irritant that can cause reversible damage to the cornea. It is slightly irritating to the skin. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. High vapour concentrations may be irritating to the respiratory tract. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Following repeated or prolonged contact, this product has a degreasing effect on the skin. It can cause redness, flaking and cracking.
Additional information.....	Treat victims symptomatically. The main hazard from ingestion is aspiration of the liquid into the lungs producing chemical pneumonitis. 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 and unsuitable extinguishing media	"Alcohol" foam, CO <sub>2</sub> , dry chemical. In cases of larger fires, water spray should be used. Do not use water in a jet.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Oxides of carbon (CO, CO <sub>2</sub> ).
Special protective equipment and precautions for fire-fighters	Extremely flammable. 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**

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. Use non-sparking tools and equipment to pick up the spilled material.
Leak/spill.....	FLAMMABLE. Ventilate. Eliminate all sources of ignition. Absorb with an inert dry material and place in an appropriate waste container. 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.
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.....	Keep away from heat, sparks, and open flame. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Ground handling equipment. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid breathing vapours or mist. Handle and open container with care. Employees should wash hands and face before eating or drinking.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks, and open flames. Store in a cool and dry area away from oxidizing and reducing materials. Store away from oxidizing and reducing materials. Store away from sunlight. Keep container closed when not in use.

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

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Acetone	250 ppm TLV CA ON AB: 500ppm (TWA); 750ppm (STEL)	500 ppm	1,000 ppm	Not established	250 ppm	
Bismuth Neodecanoate	Not established	Not established	Not established	Not established	Not established	Not established
Naphtha (petroleum), hydrotreated heavy	175 ppm	Not established	Not established	Not established	Not established	Not established

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## SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Neodecanoic acid, lithium salt	Not established	Not established	Not established	Not established	Not established	Not established
Personal Protective Equipment	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.					
Respiratory/type.....	Wear eye protection if there is a risk of splashing. The selection of this equipment depends on the nature of the work to be performed and, if applicable, the type of respirator used.					
Eye/type.....	Wear skin protection equipment. The selection of skin protection equipment depends on the nature of the work to be performed.					
Gloves/ type.....	Wear adequate protective clothes.					
Clothing/type.....	Safety boots per local regulations.					
Footwear/type.....	Emergency showers and eye wash stations should be available. Employees should wash their hands and face before eating, drinking, or using tobacco products.					
Other/type.....	Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. Local mechanical exhaust ventilation should be used at sources of air contamination, such as open process equipment, or during purging operations, to capture gases and fumes that may be emitted. Standard reference sources regarding industrial ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation. Explosion-proof exhaust ventilation.					
Appropriate engineering controls.....						

## SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state.....	Liquid.
Colour.....	Clear, colourless.
Odour.....	Pungent odour. Characteristic odour.
Odour threshold (ppm).....	Not available.
pH.....	Not applicable.
Melting / Freezing point (deg C).....	-94°C (-137°F). (acetone).
Initial boiling point / boiling range (deg C).....	56°C (133 F).
Flash point (deg C), method.....	-18°C. (estimate; lowest flash point ingredient).
Evaporation rate.....	11.6. (for Acetone).
Flammability (solids and gases).....	Flammable liquid.
Upper flammable limit (% vol).....	12.6.
Lower flammable limit (% vol).....	0.6.
Vapour pressure (mm Hg).....	>181 mm Hg @ 20°C (Acetone).
Vapour density (air=1).....	>1.
Relative Density (Specific Gravity).....	0.8.
Pounds / USG.....	6.68. lbs/USG.
Solubility.....	No data.
Partition coefficient — n-octanol/water.....	Not available.
Auto ignition temperature (deg C).....	>230°C.
Decomposition temperature.....	Not available.
Viscosity.....	14 sec Zahn #2.
VOC (less water).....	0.0 g/L - 0.0 lb/usg.
% Volatile by volume.....	>96.

## SECTION 10: STABILITY AND REACTIVITY

Reactivity .....	Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
Chemical stability.....	Stable at normal temperatures and pressures.
Possibility of hazardous reactions.....	Hazardous polymerization will not occur.
Conditions to avoid, including static discharge, shock or vibration .....	Keep away from heat.
Incompatible materials.....	Acetone may ignite or react violently with strong oxidizing agents, such as chromic acid, chromium trioxide, chromyl chloride, hot nitric acid, potassium permanganate (in an alkaline medium), or peroxides. Acetone reacts violently with chlorinated hydrocarbons such as chloroform in the presence of a strong base. Aldehydes. Ammonia. Peroxides. Reducing agents. Acetone is not corrosive to metals but degrades many plastics including nitrile rubber, polyvinyl chloride, polyvinyl alcohol, Viton®, and acrylic resins and cellulose derivatives for which acetone is used.
Hazardous decomposition products.....	By fire: Oxides of carbon (CO,CO2). Dense black smoke. The pyrolysis of acetone leads to the formation of ketene, a highly reactive and unstable compound.

**PRODUCT: PF 655 SUPER KICK ACCELERATOR****SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Acetone	50,100 mg/m3 8 hours, rat	5,800 mg/kg (rat oral)
Bismuth Neodecanoate	No data available	No data available
Naphtha (petroleum), hydrotreated heavy	>8500 mg/m3 (rat, 4 hr)	>6000 mg/kg (oral, rat)
Neodecanoic acid, lithium salt	No data available	No data available
Route of exposure.....	Eye contact. Skin contact. Inhalation.	
Symptoms related to the physical, chemical and toxicological characteristics		
Effects of acute exposure.....	May cause skin irritation. May cause drying or flaking of the skin. Causes eye irritation. Can cause tearing, reddening and swelling. May cause temporary corneal damage. Inhalation of high vapour may cause central nervous system effects, dizziness, headache, nausea, or loss of coordination. Excessive vapours may cause nasal and respiratory tract irritation. Aspiration of the material can cause lung damage. Ingestion can result in the irritation of the digestive tract. Ingestion may cause adverse health effects. May be harmful if absorbed through the skin.	
Effects of chronic exposure.....	Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Chronic exposure to organic solvents may cause permanent brain and nervous system damage. Continued inhalation of high vapours can cause unconsciousness or even death. Prolonged or repeated skin contact may cause drying or cracking of skin. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.	
Carcinogenicity of material.....	The components of this product are not listed by IARC, NTP or regulated as a carcinogen by OSHA.	
Specific Target Organ Toxicity .....	May cause drowsiness or dizziness. May cause respiratory irritation.	

**SECTION 12: ECOLOGICAL INFORMATION**

Environmental..... Do not allow to enter waters, waste water or soil.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Information on safe handling for disposal and methods of disposal, including any contaminated packaging . Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations.

**SECTION 14: TRANSPORT INFORMATION**

TDG Classification..... UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II - This product meets the Limited Quantity exemption when packaged in containers less than 5 liters.

DOT Classification (Road)..... UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II - Ltd Qty (1 litre). Refer to 49CFR 172.101 for additional non-bulk packaging requirements.

IATA Classification (Air)..... UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II. Limited Quantity. Do not ship by air without checking appropriate IATA regulations.

IMDG Classification (Marine)..... UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II - EmS: F-E S-E. Limited Quantity. Check IMDG regulations for limited quantity exemptions.

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).

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

OSHA..... This product is considered hazardous under the OSHA Hazard Communication Standard.

SARA Title III  
Section 302 - extremely hazardous ..... None.  
substances

Section 311/312 - hazard categories..... Immediate health, delayed health, fire hazard.

Section 313..... None.

EPA hazardous air pollutants (HAPS) ..... None.  
40CFR63

California Proposition 65..... This product does not contain any chemical(s) known to the State of California to cause cancer or reproductive toxicity. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**PRODUCT: PF 655 SUPER KICK ACCELERATOR****SECTION 16: OTHER INFORMATION**

Prepared by: ..... REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com.  
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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.

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