

PT Technologies

WORKPLACE HAZARDOUS MATERIAL INFORMATION SYSTEM MATERIAL SAFETY DATA SHEET

Section 1 • Product Identification and Use

Product Name: PF Solvent	WHMIS Classification: Bulk: Class B Div. 3, Class D Div. 2B.
Other Names: PF Solvent Wipes, PF Solvent Bottle	Product Use: Removal of hydrocarbon, silicone, wax, polyethylene based greases.
Supplier: TransNet NZ Limited 78 Cryers Road East Tamaki Auckland 2013 New Zealand	Part Numbers: C61400, C61410, C61402, C61432, C61401, C61405, C61456 Packaging: Wipe, Dual Pack Towel, Kit, 946 ml bottle, 9.46 litre (1 US gal.) can, 18,93 litre (5 US gal.) & 208 litre (55 US gal.) drum.
Phone: +64 9 274 3340	In Case of Emergency Contact: National Poisons Centre 0800 POISON (0800 764 766)
Website: www.transnet.co.nz	

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.

Section 2 • Hazardous Ingredients

Ingredients	CAS Numbers	%WW	LC 50	LD 50	TLV
Paraffinic hydrocarbon	64771-72-8	90-100	n.av.	> 5 g/kg	n.av.
Orange Terpenes	5989-27-5	5-10	n.av.	> 3 g/kg	n.av.

Section 3 • Physical Data

The following physical data are approximate only and do not represent specification values.

Boiling point (°C):	193-221	Specific gravity @ 25°C:	0,76
Vapour pressure (mm Hg @ 20°C):	~1	Evaporation rate (n-Butyl Acetate = 1):	3,2
Vapour density (Air = 1):	>1	Freezing Point (°C):	n.ap.
Coefficient of Water/Oil Distribution:	<1	pH:	n.ap.
Physical State:	Thin liquid	Solubility in water (% by weight):	< 0,1
Odour/Colour:	Clear liquid with characteristic odour.		
Odour Threshold (ppm):	n.av.	Percent volatile by volume (%):	100

Section 4 • Fire and Explosion Hazard

Flammability: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Flash point (°C):	61,6 TCC	Flammable limits:	LEL 1,3%	UEL 8,9%	
Auto-ignition temperature (°C):	n.av.				
Extinguishing media:	Foam, dry chemical or carbon dioxide. Water can be used to cool closed containers.				
Hazardous combustion products:	Carbon dioxide and carbon monoxide.				
Sensitivity to impact:	None.	Sensitivity to static discharge:	None		
Special hazards (including explosion data):	Never use welding or cutting torch on or near drum (even when empty).				

n.av. = Not available
n.ap. = Not applicable

Section 5 • Reactivity Data

Stability:	Stable.
Conditions to avoid:	Avoid sparks or open flames.
Incompatibility (materials to avoid):	Strong oxidizing agents.
Hazardous decomposition products:	Will not occur.
Hazardous polymerization:	Will not occur.
Reactivity:	None.
Reactivity and under what conditions:	None known at this time.

Section 6 • Toxicological Properties

Primary route(s) of entry: Inhalation, eyes & ingestion (unlikely).

Exposure limits: Not established.

Acute effects of over exposure:

Inhalation: Headache, dizziness, nausea and anaesthetic effects.

Eyes: Irritation.

Skin: Repeated or prolonged contact may cause drying of skin.

Ingestion: Minute amounts aspirated into lungs during ingestion may cause severe pulmonary injury.

Chronic effects of exposure: None known at this time.

Carcinogenicity: None known at this time.

Medical conditions generally aggravated by exposure: None from normal exposure.

Other toxicological properties (including reproductive toxicity, synergistic effects, sensitization, teratogenicity, mutagenicity):
None known at this time.

Section 7 • Preventative Measures

Personal Protection:

Hands: Use solvent resistant gloves (nitrile, neoprene) when handling liquid.

Eyes: Use face shield or goggles when spraying or splashing liquid.

Respiratory: None required if good ventilation is maintained. For enclosed areas, use an organic vapour respirator or self-contained breathing apparatus.

Engineering controls: Local exhaust is usually adequate. However, mechanical ventilation should be used when spraying in enclosed areas. Vapour concentration should be minimized as much as possible.

Procedures to be followed in case of leak or spill: Ventilate area by opening windows and doors. Remove ignition sources. Remove leaking container and transfer remaining product to another vessel. For large spills, prevent product from going into sewers and water sources by making a dike or impounding. Use appropriate safety equipment, mop up or soak up with absorbent material such as sand or clay. This product contains materials, which, if spilled, may fall under provincial Environment Protection Act. Therefore, should a spill occur, it may need to be reported to the appropriate Ministry of the Environment.

Waste disposal: Dispose of in accordance with municipal, provincial and federal regulations for petroleum distillates. Do not flush to the sewer. The Ontario Ministry of the Environment Waste Classification for PF Solvent is 213L.

Handling and storage procedures: Store below 50°C and above 0°C. Store away from ignition sources and avoid breathing vapours. Wash hands with soap and water after use, before breaks and lunch and at the end of work periods. Remove contaminated clothing and launder before reuse.

H.M.I.S. Labelling:	Health: 1	Fire: 2	Reactivity: 0
N.F.P.A. Labelling:	Health: 1	Fire: 2	Reactivity: 0

Section 8 • First Aid Measures

Emergency and first aid measures:

Inhalation: Move to fresh air and contact a physician.

Eyes: Flush eyes with plenty of water and contact a physician.

Skin: Wash with soap and water and apply medicated cream.

Ingestion: Contains petroleum distillates and petroleum oil. Do not induce vomiting. Contact physician immediately.

Section 9 • Preparation Date

The foregoing technical information and recommendations are compiled from sources that are believed to be accurate and reliable. However, they are supplied without warranty or guarantee of any kind either expressed or implied. The purchaser is responsible for selecting and determining the suitability of products for purchaser's particular needs and we disclaim any responsibility for improper applications or misuse of our products in any manner whatsoever.

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