

Bruce Scientific Limited

Safety Data Sheet – Gun Wash

Section 1: Identification of the Substance/Mixture and of the Supplier

Product Name:	Gun Wash
Proper Shipping Name:	Flammable Liquid N.O.S.
Recommended Use:	General Purpose Solvent Cleaner
Company Details:	Bruce Scientific Ltd
Address:	120 Port Road, Whangarei, 0110
Emergency Telephone:	National Poison Centre (24hrs): 0800 POISON (764 766)
Company Phone:	0220501171

Section 2: Hazard Identification

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances and New Organisms Act 1996



Danger:

- Highly flammable liquid and vapour.
- May be harmful if inhaled.
- Causes mild skin irritation.
- Causes serious eye irritation.
- Causes damage to organs through prolonged or repeated exposure.
- May cause long lasting harmful effects to aquatic life.

HSNO Approval No:	HSR002528
Group Standard:	Cleaning Products (Flammable) Group Standard 2006
HSNO Classes:	3.1B, 6.1E, 6.3B, 6.4A, 6.9A, 9.1D

Prevention Statements:

- Read label before use.
- Keep away from sparks/open flames/hot surfaces
- Keep container tightly closed.
- No smoking.
- Ground/bond container and receiving equipment.
- Use explosion proof electrical/lighting equipment
- Use only non-sparking tools.
- Take precautionary measures against static discharge.

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- Wear protective gloves and eye/face protection.
- Keep out of reach of children and untrained people.
- Wash hands thoroughly after handling.
- Do not breathe fume/vapours.
- Do not eat, drink or smoke when using this product.
- Avoid release to the environment

Response Statements:

- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- In case of fire: Use Dry chemical powder, Foam, Carbon dioxide for extinction
- If medical advice is needed, have product container or label at hand.

- IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
- If skin irritation occurs: Get medical advice/ attention.

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.
- Get medical advice/attention if you feel unwell.

Storage Statements:

- Store in a well ventilated place. Keep cool.

Section 3: Chemical Composition

Chemical Name	Concentration (%)	CAS Number
Toluene	<60	108-88-3
Isopropyl Alcohol	<60	67-63-0
Methyl Ethyl Ketone (MEK)	<60	78-93-3
Acetone	<60	67-64-1
Xylene	<60	1330-20-7

Section 4: First Aid Measures

Eyes:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin:	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.
Ingestion:	If medical advice is needed, have product container or label at hand. Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting.
Inhalation:	Remove from contaminated area. Get medical advice/attention if you feel unwell

FOR FURTHER INFORMATION CONTACT (24 hours) THE NATIONAL POISON CENTRE 0800 POISON [764 766]

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Section 5: Fire Fighting Measures

Flash Point:	-15°C
Autoignition Temperature:	Not Known
Flammability Limits in Air (% by Volume):	LEL 1.2% UEL 8.0%
Extinguishing Media:	CO2, Dry Chemical or Foam. Water spray or fog (for large fires only)
Fire Fighting Instructions:	Extinguish fire only if safe to do so. Full respiratory protection is advised. Evacuate area.
Unusual Fire and Explosion Hazards:	Flammable liquid, can release vapours that form flammable mixtures at temperatures at or above the flash point. Static Discharge, material can accumulate static charges that can cause an incendiary electrical discharge. "Empty" containers retain product residues (liquid and/or vapour) and can be dangerous. DO NOT pressurise, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum re-conditioner, or properly disposed of. Extremely Flammable

Section 6: Accidental Release Measures

Land Spills or Leaks:	Eliminate ignition sources. Contain spill with inert material & place in recovery containers for disposal. Avoid release to the environment.
Waste Disposal:	Contact Bruce Scientific by phone: 0220501171 or through the website: www.brucescientific.com

Section 7: Handling and Storage

Handling	
Eyes:	Safety Glasses, goggles or full face shield in a well ventilated area.
Gloves:	PVC or Nitrile Gloves
Respiratory Protection:	Half face-respirator and organic vapour filter cartridge or full face respirator with organic vapour filter cartridge should be worn provided the area is well ventilated and not oxygen-deficient otherwise SCBA or supplied air should be used.
Ventilation:	Ensure all ventilation equipment is flame proof.
Other PPE:	Splash protection should be worn (apron, raincoat or splash resistant coveralls).
Storage	
Store in a well-ventilated place. Keep out of reach of children and untrained personnel. Protect containers against physical damage and check regularly for leaks.	

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Section 8: Exposure Controls/Personal Protection

Engineering Controls:	Local exhaust ventilation usually required.
Eye/Face Protection:	Safety glasses, goggles or full face shield.
Body Protection:	Splash resistant coveralls, raincoat or PVC apron.
Respiratory Protection:	Half or Full Face Respirator with organic vapour filter cartridge in ventilated areas or SCBA or supplied air if using in a confined or oxygen deficient area.
Exposure Limits:	Not Available

Section 9: Physical and Chemical Properties

Appearance:	Colourless liquid
Physical State:	Liquid
Odour:	Solvent Odour
pH:	Not Applicable
Solubility:	Insoluble
Vapour Density:	3.1
Boiling Point:	Not Available
Freezing Point:	Not Applicable
Ignition Point:	480°C
Flash Point:	-15°C
Specific Gravity:	0.8-0.9
Vapour Pressure:	3.0
% Volatiles:	100

Section 10: Stability and Reactivity

Conditions Contributing to Instability:	Not available.
Incompatibility:	Sources of heat or ignition. Oxidising agents.
Hazardous Decomposition Products:	.Combustion Products: Carbon Dioxide and Water
Conditions Contributing to Hazardous Polymerisation:	Will not polymerise.

Section 11: Toxicological Information

Inhalation:	Vapour is discomforting to the upper respiratory tract and lungs and may be harmful if inhaled. Dizziness and short breath occur from mild poisoning.
Ingestion:	Nausea, vomiting and sweating with burns to the mouth and oesophagus may occur. Unconsciousness may follow.
Skin:	Possible irritation on sensitive skin.
Eyes:	Irritating.
Acute Exposure:	Convulsions are a rare complication.
Chronic Exposure:	No long term complications are noted.

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Section 12: Ecological Information

Environmental Precautions:	Do not allow product to wash in to waterways.
Ecological Toxicity:	Toxic to aquatic life with long lasting effects.
Environmental Fate:	Not known.

Section 13: Disposal Considerations

Contact Bruce Scientific by phone: 0220501171 or through the website: www.brucescientific.com

Section 14: Transport Information



UN No: 1993
Proper Shipping Name: Flammable Liquid N.O.S
Dangerous Goods Class: 3
Packing Group: II
Hazchem Code: 3YE

Section 15: Regulatory Information

HSNO Approval No: HSR002528
Group Standard: Cleaning Products (Flammable) Group Standard 2006
HSNO Classes: 3.1B, 6.1D, 6.3A, 6.4A, 6.9B, 9.1D

The Land Transport Rule 45001/1 2005 requires that a vehicle transporting this product by road in quantities more than 50kg including the packaging, be placarded with its description or UN Number, accompanied with a Dangerous Goods Declaration and that the driver have a DG endorsement on their driver's license.

Section 16: Other Information

New Zealand National Poison Information Centre(24 hours): 0800 POISON [764 766]

New Zealand Emergency Services : 111

For General Information: Bruce Scientific phone: 0220501171 or contact through the website www.brucescientific.com

Bruce Scientific Limited has taken care in compiling this information. No liability is accepted directly or indirectly from its application as conditions of use are outside the Company's control.