

SAFETY DATA SHEET



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 Marketing Chemicals Ltd
Address: 7 Rymer Place, Mangere Bridge
Auckland. New Zealand
Emergency Telephone: +64 274 340990(24 hours)
National Poison Center(24 hours): 0800 POISON [764 766]
Telephone: +64 9 634 3862 [8.00 am to 4.30pm – Monday to Friday]
Fax: +64 9 634 3864
Date of preparation 2 September 2024 v2

Section 2: Hazard Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval No: Cleaning Products (Flammable) – HSR002528

Pictograms



Flammable Irritant Chronic

Signal Word: **DANGER**

GHS Classification and Category	Hazard Code	Hazard Statement
Flammable Liquids Cat. 2	H225	Highly flammable liquid and vapour.
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Specific target organ toxicity – repeated exposure Cat. 1	H372	Causes damage to organs through prolonged or repeated exposure.
Hazardous to the aquatic environment chronic Cat. 4	H413	May cause long lasting harmful effects to aquatic life.

Prevention Code	Prevention Statement
P103	Read carefully and follow all instructions.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof [electrical, ventilating and lighting] equipment
P242	Use non-sparking tools.
P243	Take action to prevent static discharge.
P260	Do not breathe dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in SDS Section 8.

Response Code	Response Statement
P314	Get medical advice/attention if you feel unwell.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/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.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use CO ₂ , dry powder, or foam to extinguish.

Storage Code	Storage Statement
P403 + P235	Store in a well-ventilated place. Keep cool.

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3: Composition/Information on Ingredients

Name	Concentration %	CAS Number
Toluene	< 60.0	108-88-3
Iso Propyl Alcohol	<60	67-63-0
Pegasol 1425	<60	64742-49-0
MEK	<60	78-93-3
Acetone	<60	67-64-1
Xylene	<60	1330-20-7

Note: Manufacturer has provided full ingredient information for assessment.

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.

Inhallation: Remove from contaminated area. Get medical advice/attention if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms:

Ingestion: Nausea, vomiting & sweating with burns to the mouth & oesophagus may occur. Unconsciousness may follow.

Inhalation: The vapour is discomforting to the upper respiratory tract and lungs and may be harmful if inhaled. Dizziness & shortness of breath occur from mild poisoning.

Skin: Possible irritation on sensitive skin

Eye: Irritating

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

Section 5: Fire Fighting Measures

Hazard Type	Flammable
Hazards from combustion products	Oxides of carbon
Suitable Extinguishing media	CO2, Dry Chemical or Foam. Water spray or Fog (for large fires only)
Precautions for firefighters and special protective clothing	Full respiration equipment is advisable. Evacuate area.
HAZCHEM CODE	3YE

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 Method: Dispose through Licensed Disposal Company

Section 7: Handling And Storage

Handling

Eyes: Safety glasses with a side shield or a full face shield should be worn.

Gloves: PVC Gauntlet gloves must be worn.

Respiratory Protection: If using in confined area, self contained breathing apparatus should be worn.

Ventilation: Ensure all ventilation equipment is flameproof

Other Clothing: A plastic apron should be worn.

Storage:

Store in a well-ventilated place. Keep out of reach of children. Protect containers against physical damage and check regularly for leaks.

Section 8: Exposure Controls/Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Crystalline Silica (quartz and cristobalite)	-	0.1	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WES-STEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices Nov 2023 14TH EDITION.

Engineering Controls

Local exhaust ventilation usually required

Personal Protection Equipment



Eyes	Safety glasses with a side shield or a full-face shield should be worn.
Hands	Impervious gloves
Skin	Overalls / PVC apron
Respiratory	Self contained Breathing apparatus required if using in a confined space
General	Follow basic hygiene

Section 9: Physical And Chemical Properties

Appearance	Liquid
Colour	Light Brown
Odour	Solvent Odour
Odour Threshold	Not available
pH	Not applicable
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	-15°C
Flammability	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	3.0
Vapour Density	3.1
Specific Gravity	0.8 – 0.9
Water Solubility	Insoluble
Partition Coefficient:	Not available
Auto-ignition Temperature	480° Celsius
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available

Section 10: Stability And Reactivity

Conditions Contributing to Instability:	Not available.
Incompatibility:	Sources of heat &/or ignition, Oxidising agents.
Hazardous Decomposition Products:	Carbon Dioxide & Water
Conditions Contributing to Hazardous Polymerization	Will not polymerise

Section 11: Toxicological Information

Acute Effects:

Swallowed	This product is not classified as acutely toxic.
Dermal	This product is not classified as acutely toxic.
Inhalation	This product is not classified as acutely toxic.
Eye	Causes serious eye irritation.
Skin	This product is not classified as a skin irritant/corrosive.

Chronic Effects:

Carcinogenicity	This product is not classified as carcinogenic.
Reproductive Toxicity	This product is not classified as toxic for reproduction.
Germ Cell Mutagenicity	This product is not classified as mutagenic.
Aspiration	This product is not classified as Asp Tox.
STOT/SE	This product is not classified as STOT SE.
STOT/RE	Causes damage to organs through prolonged or repeated exposure..

Section 12: Ecological Information

Toxic to aquatic life with long lasting effects.

Product:	
Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13: Disposal Considerations

Disposal Method:

Spent media that has removed toxic chemicals should be examined for specific hazards. Spilled product may be recovered for use if it has not come in contact with liquids or been exposed to significant amounts of gaseous contaminants. Dispose of according to Local Regulations.

Ensure any container holding waste product or contaminated spill media is labelled "Hazardous Waste – Flammable" and that the label also has the Flammable Pictogram, waste type identifier, and the business name, address, and phone number.

Precautions or methods to avoid: Avoid release to the environment.

Section 14: Transport Information

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021



Road, Rail, Sea and Air Transport

UN No	1993
Class - Primary	3
Packing Group	II
Proper Shipping Name	FLAMMABLE LIQUID N.O.S
Marine Pollutant	No
Special Provisions	If the product's individual container is below 1L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

Section 15: Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Cleaning Products (Flammable) – HSR002528

GHS Classification:

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	100L (>5L); 250L (<5L); 50L (open)
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250 L
Emergency Response Plan	1000 L
Secondary Containment	1000 L
Restriction of Use	Only use for the intended purpose.

Section 16: Other Information

Glossary

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.

TLV Threshold Limit Value-an exposure limit set by responsible authority.
UEL Upper Explosive Level
WES Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2023 14th edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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Please contact the New Zealand distributor, if further information is required.

Issue Date: 2 September 2024 Review Date: 2 September 2029

End of Safety Data Sheet.