

#### PRODUCT: **GUN WASH 18.9L (893.460015)**

#### **SECTION 01: IDENTIFICATION**

Initial supplier identifier..... Wurth Canada Limited

345 Hanlon Creek Blvd Guelph Ontario N1C 0A1 Tel (905) 654-6225 Fax (905) 564-3671

GUN WÁSH 18.9L (893.460015)

Product identifier..... Recommended use and restrictions on ...

Multi-purpose solvent.

Chemical family.....

Health: 3 Fire: 1 Reactivity: 0.

NFPA rating..... HMIS.....

H: 3 F: 1 R: 0.

24 hour emergency number:.....

Emergencies involving a spill, fire, explosion or exposure: CHEMTREC 1-800-424-9300

#### SECTION 02: HAZARD IDENTIFICATION



Signal Word..... DANGER. Hazard Classification.....

Hazard Description.....

Flammable Liquid 1. Eye Irritant 2. Skin Corrosion/Irritation — Category 2. Acute Toxicity (Oral) — Category 4. Acute Toxicity (Inhalation) — Category 3. Acute Toxicity (Dermal) — Category 3. Carcinogen 1B. Reproductive Toxicity — Category 2. Germ Cell Mutagenicity 1B. Specific Target Organ Toxicity — Single Exposure — Category 1. Specific Target Organ Toxicity — Repeated Exposure — Category 1. Aspiration Toxicity 1. H224 Extremely flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H315 Causes skin

irritation. H319 Causes serious eye irritation. H331 Toxic if inhaled. H340 May cause genetic defects. H361 Suspected of damaging fertility or the unborn child. H370 Causes damage to the liver and kidneys. H372 Causes damage to organs through prolonged or

repeated exposure.

**Precautionary Statements** 

Prevention.....

P201 Obtain special instructions before use. P202 Do not handle this product until all safety instructions have been read and understood. 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. P260 Do not breathe mist, vapours, or spray. P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling. P270 Do not eat drink or smoke while using this product. P271 Use only outdoors or in a well ventilated area. P280 Wear

protective gloves and eye protection. Response .....

P302 + P352 - If on skin: wash with plenty of water. P312 Call a POISON CENTER/doctor if you feel unwell. P321 - For specific treatment see section 4 on this SDS. P361 + P364 Take off immediately all contaminated clothing and wash it before reuse. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P311 Call a POISON CENTRE or doctor. P301 + P312 If swallowed call a poison control centre. P330 Rinse mouth. P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331 Do NOT induce vomiting. 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. P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower . P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P308 + P313 If exposed or concerned, get medical advice/attention. P332 + P313 - If skin irritation occurs get medical attention or advice. P362 + P364 - Take off contaminated clothing and wash before reuse. P314 - Get medical advice/attention if you feel unwell. P308 + P311 If exposed or concerned; call a poison center or doctor.

### **SECTION 02: HAZARD IDENTIFICATION**

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS				
CHEMICAL NAME AND SYNONYMS	CAS#	WT. %		
Acetone	67-64-1	65-100		
Methanol	67-56-1	5-10		
Toluene	108-88-3	0.5-1.5		
Xylene	1330-20-7	0.1-1		
Distillates (Petroleum) Hydrotreated Light	64742-47-8	0.1-1		
Naphtha (petroleum), hydrotreated light	64742-49-0	0.1-1		
Naphtha (petroleum), hydrotreated heavy	64742-48-9	0.1-1		
Solvent naptha (petroleum), heavy aromatic	64742-94-5	0.1-1.0		
Ethyl Acetate	141-78-6	0.1-1.0		
Mineral Spirits (Stoddard solvent)	8052-41-3	0.1-1		
Methyl Ethyl Ketone	78-93-3	0.1-1		
Solvent Naphtha, Light Aromatics	64742-95-6	0.1-1		
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	64742-89-8	0.1-1		
2-Butoxyethanol	111-76-2	0.1-1.0		
Isobutyl Acetate	110-19-0	0.1-1.0		
Propylene Glycol Monomethyl Ether Acetate	108-65-6	0.1-1		
n-Butyl Acetate	123-86-4	0.1-1		
Diethylene glycol monobutyl ether	112-34-5	0.1-1		
Isopropyl Alcohol	67-63-0	0.1-1.0		
Ethyl 3-Ethoxypropionate	763-69-9	0.1-1.0		
Propylene Glycol Methyl Ether	107-98-2	0.1-1.0		
Dipropylene Glycol Monomethyl Ether	34590-94-8	0.1-1		
Methyl Isobutyl Ketone	108-10-1	0.1-1		
Isopropyl Acetate	108-21-4	0.1-1		
Propyl acetate	109-60-4	0.1-1		
2-Butoxyethyl Acetate	112-07-2	0.1-1		
Isobutyl alcohol	78-83-1	0.1-1		
tert-Butyl acetate	540-88-5	0.1-1		
Cyclohexane	110-82-7	0.1-1		
Dipropylene glycol methyl ether acetate	88917-22-0	0.1-1		

### **SECTION 04: FIRST-AID MEASURES**

Eye contact	, , , , , , , , , , , , , , , , , , , ,
Skin contact	least 15 minutes. Obtain medical attention.  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. If
Inhalation	irritation persists, seek medical attention. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is
Ingestion	difficult, give oxygen, obtain medical attention.  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
Most important symptoms and effects, whether acute or delayed	person. Take victim immediately to a hospital. Not available.

### **SECTION 05: FIRE-FIGHTING MEASURES**

Suitable extinguishing media..... Unsuitable extinguishing media..... Specific hazards arising from the .....hazardous product, such as the nature of any hazardous combustion products Special protective equipment and ..... precautions for fire-fighters

Alcohol resistant foam. Carbon dioxide. Dry chemical.

Do not use solid water streams or water jet.

Do not allow run-off from fire fighting to enter drains or water courses. Oxides of carbon (CO, CO2). Unburned hydrocarbons.

Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Collect contaminated fire extinguishing water separately. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Keep run-off water from entering sewers and other waterways. Dike for water control.

#### SECTION 06: ACCIDENTAL RELEASE MEASURES

and emergency procedures

Personal precautions, protective equipment Evacuate personnel to a safe area. Wear appropriate personal protection equipment. Ensure adequate ventilation. Vapours can accumulate in low areas. Beware of vapours accumulating to form explosive concentrations.

Environmental precautions.....

Do not allow product to leak into drains or waterways. If spill does contaminate waterways then inform authorities.

Methods and materials for containment and cleaning up

Wear proper personal protection equipment. Contain spilled material and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations.

#### **SECTION 07: HANDLING AND STORAGE**

Precautions for safe handling.....

Avoid formation of aerosol. Avoid breathing vapours or mist. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. Avoid smoking, drinking or eating in use area. Take precautions against static discharge. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water according to local, Provincial and Federal guidelines. Keep container closed when not in use. 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. Containers should be opened under ventilation exhaust hood. Precautions for safe handling. Handle and open container with care. Employees should wash hands and face before eating or drinking.

Conditions for safe storage, including any incompatibilities

No smoking. Keep container closed when not in use. Store away from all sources of heat and ignition. Keep container tightly closed. Keep container upright to avoid spillage. Electrical installations / working materials must comply with the technological safety standards.

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

INGREDIENTS	TWA ACG	IH TLV STEL	OSH. PEL	A PEL STEL	NIOSH REL
Acetone	250 ppm TLV	500 ppm	1,000 ppm	Not established	250 ppm
	CA ON AB: 500ppm	(TWA); 750ppm (STEL	_)		
Methanol	200 ppm	250 ppm skin	200 ppm	Not established	200 ppm / STEL 250 ppm
	CA ON: 200 ppm (T	WA), 250 ppm (STEL)			
Toluene	20 ppm	Not available	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm
	CA ON: TWA: 20 pp	om			
Xylene	50 ppm	150 ppm	100 ppm TWA	Not available	Not available
	CA ON: 100ppm (TWA); 150ppm (STEL)				
Distillates (Petroleum) Hydrotreated Light	1200 mg/m3	197 ppm	Not available	Not available	Not available
	CA BC: 200mg/m3 (TWA) Skin				
Naphtha (petroleum), hydrotreated light	1640 mg/m3 (heptane)	Not established	Not established	Not established	Not established
	1100 ppm (IDLH)				
Naphtha (petroleum), hydrotreated heavy	175 ppm	Not available	Not available	Not available	Not available

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

INGREDIENTS	TWA ACGI	H TLV STEL	OSHA PEL	A PEL STEL	NIOSH REL
	Not available				
Solvent naptha (petroleum), heavy aromatic	Not available	Not available	Not available	Not available	Not available
	200 mg/m3 (total hyd	drocarb. vapor) CA AB			
Ethyl Acetate	400 ppm CA ON: 400 ppm (TV	Not established NA)	400 ppm	Not established	400 ppm
Mineral Spirits (Stoddard solvent)	100 ppm	Not established	100ppm, 525 mg/m <sup>3</sup>	Not established	Not established
	CA ON: 100 ppm (T)	NA)			
Methyl Ethyl Ketone	200 ppm	300 ppm	200 ppm	Not established	200 ppm TWA
	CA ON: 200ppm (TV	VA), 300ppm (STEL)			
Solvent Naphtha, Light Aromatics	Not established	Not established	500 ppm (2000 mg/m3) TWA	Not established	350 mg/m3 TWA
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	100 ppm	300 ppm	100 ppm	Not established	Not established
	Not available				
2-Butoxyethanol	20 ppm	No data	50 ppm (240 mg/m3)	No data	5 ppm (24 mg/m3)
Isobutyl Acetate	50 ppm	150 ppm	150 ppm	Not established	150 ppm
Propylene Glycol Monomethyl Ether Acetate	Not available	Not available	Not available	Not available	Not available
	Not available				
n-Butyl Acetate	50 ppm	150 ppm	150 ppm	200 ppm	150 ppm / STEL 200 ppm
	CA ON: 50ppm (TW	A), 150ppm (STEL)			
Diethylene glycol monobutyl ether	100 ppm	150 ppm	Not established	Not established	100 ppm
	Not established				
Isopropyl Alcohol	200 ppm	400 ppm	400 ppm (TWA)	500 ppm	400 ppm
		WA), 400 ppm (STEL)			
Ethyl 3-Ethoxypropionate	Not established	Not established	Not established	Not established	Not established
Propylene Glycol Methyl Ether	100 ppm	150 ppm	Not established	Not established	100 ppm
Dipropylene Glycol Monomethyl Ether	100 ppm	150 ppm	No data	150 ppm	STEL: 900 mg/m3
	CA ON: 100 ppm (TV	WAEV), 150 ppm (STE	EV)		
Methyl Isobutyl Ketone	50 ppm	75 ppm	100 ppm	Not established	50 ppm / STEL 75 ppm
	ON: 20 ppm (TWA),	75 ppm (STEL)			
Isopropyl Acetate	100 ppm	200 ppm	Vacated	310 ppm	Not established
Propyl acetate	100 ppm 416 mg/m3 Not available	Not available	Not available	Not available	Not available
	200 ppm 835 mg/m3				
2-Butoxyethyl Acetate	20 ppm TLV	Not established	Not established	Not established	5 ppm
Isobutyl alcohol	Not available 50 ppm 152 mg/m3 /	Not available AB	Not available	Not available	Not available
tert-Butyl acetate	200 ppm	Not established	200 ppm	Not established	200 ppm
	CA ON AB BC: 50pp	om (TWA), 200ppm (ST	IEL)		

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

INGREDIENTS	TWA	CGIH TLV STEL	PEL	OSHA PEL STEL	NIOSH REL
Cyclohexane	100 ppm	Not established	1050 mg/m3	Not established	1050 mg/m3
Dipropylene glycol methyl ether acetate	Not available	Not available	Not available	Not available	150 ppm; 1,164 mg/m3 STEL
100 ppm 776 mg/m3					
Personal Protective Equipment Respiratory/type					espirator with an Consult your s.
Clothing/type				uipment supplier for	
Other/type Appropriate engineering		emergency shower should be in close proximity.			

## **SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

### **SECTION 10: STABILITY AND REACTIVITY**

Reactivity	Non-reactive under normal conditions of use, storage or transport.
Chemical stability	Stable at normal temperatures and pressures.
Possibility of hazardous reactions	Vapours may form explosive mixture with air. No decomposition if stored and applied as directed
Conditions to avoid, including staticdischarge, shock or vibration	Keep away from heat. Incompatibilities include but not limited to the following:. Acids. Alkalis. Amines. Bases. Reducing agents. Nitrogen oxides. Oxidizing agents. Strong bases. Rubber. Plastics.
Hazardous decomposition products	

Dipropylene glycol methyl ether acetate

Route of exposure..... Eye contact. Skin contact. Inhalation. Ingestion.

SECTION 11: TOXICOLOGICAL INFORMATION					
INGREDIENTS	LC50	LD50			
Acetone	50,100 mg/m3 8 hours, rat	5,800 mg/kg (rat oral)			
Methanol	128.2 mg/L, 4h rat	420 mg/kg (oral); 5,628 mg/kg (rat oral); 15,800 mg/kg (rabbit dermal)			
Toluene	8000ppm (rat inhalation) 400ppm mouse (inhalation 24hr)	5,000 mg/kg (rat ora)l; 12,124 mg/kg (rabbit dermal )			
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral			
Distillates (Petroleum) Hydrotreated Light	>5.2 mg/L (4 hr.)	>5000 mg/kg (oral, rat), >2000 mg/kg (dermal, rabbit)			
Naphtha (petroleum), hydrotreated light	73680 ppm 4 hours rat	>5000 mg/kg (oral, rat) >3160 mg/mg (dermal, rabbit)			
Naphtha (petroleum), hydrotreated heavy	>8500 mg/m3 (rat, 4 hr)	>6000 mg/kg (oral, rat)			
Solvent naptha (petroleum), heavy aromatic	> 5.28 mg/l Rat (male and female)	> 5,000 mg/kg Rat (male and female) > 2,000 mg/kg Rabbit (male and female)			
Ethyl Acetate	16,000 ppm 6 hours rat	5,600 mg/kg (rat oral )			
Mineral Spirits (Stoddard solvent)	5500 ppm (4 hrs)	5000 mg/kg (oral, rat)			
Methyl Ethyl Ketone	>5,000 ppm (6 hours, rat), 11000 ppm (45 minutes, mouse)	3,400 mg/kg (rat, oral), >8000 mg/kg (rabbit, dermal), 670 mg/kg (mouse, oral)			
Solvent Naphtha, Light Aromatics	5.2 mg/L 4 hours, rat 3400 ppm 4 hours, rat	>5,000 mg/kg (rat oral) >2,000 mg/kg (rabbit dermal)			
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	3400 ppm 4hr Rat	>2000 mg/kg Oral Rat >2000 mg/kg Dermal Rat			
2-Butoxyethanol	450 ppm 4 hr rat	1300 mg/kg (rat oral) >2000 mg/kg (rabbit dermal)			
Isobutyl Acetate	>13.24 mg/L /6 h rat	15400 mg/kg (rat oral), >17400 mg/kg (rabbit dermal)			
Propylene Glycol Monomethyl Ether Acetate	Not available	8,532 mg/kg (rat oral) >5,000 mg/kg (rabbit dermal)			
n-Butyl Acetate	>33 mg/L vapour, 5.2 mg/L (rat) dust/mist	10760 mg/kg (rat, oral) 14112 mg/kg (rabbit, dermal)			
Diethylene glycol monobutyl ether	No Data	2000 mg/kg oral, guinea pig			
Isopropyl Alcohol	72600 mg/m3, rat (4 hr)	1870 mg/kg (oral, rat). 4059 mg/kg (dermal, rabbit)			
Ethyl 3-Ethoxypropionate	>998 ppm 6 hours	4,309 mg/kg rat oral 4,080 mg/kg rabbit dermal			
Propylene Glycol Methyl Ether	54.6 mg/L rat	36,000 mg/kg rat oral			
Dipropylene Glycol Monomethyl Ether	>500 ppm 7 hours Rat	5,180 mg/kg Rat Oral; 9,500 mg/kg Rabbit Dermal			
Methyl Isobutyl Ketone	8.2 - 16.4 mg/L 4 hours rat	2080 mg/kg (rat oral) >16,000 mg/kg (rabbit dermal)			
Isopropyl Acetate	No data	3000 mg/kg rat oral			
Propyl acetate	Not available	Not available			
2-Butoxyethyl Acetate	> 450 ppm rat 6h	1,600 mg/kg (rat, oral) 1,480 mg/kg (rabbit, dermal)			
Isobutyl alcohol	Not available	Not available			
tert-Butyl acetate	>2,230 mg/m3 4 hours rat	4,100 mg/kg (rat, oral); >2,000 mg/kg (rabbit, dermal)			
Cyclohexane	13.9 mg/L/4h Rat	>5000 mg/kg Rat Oral			

Not available

Not available

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

Oral 305.6 mg/kg; Inhalation 8.37 mg/l, Exposure time: 4 h, Test atmosphere: vapour: ATEmix:..... Dermal 885.18 mg/kg. Causes serious eye irritation. May cause irreversible eye damage. Serious eye damage/eye irritation..... Skin corrosion\irritation..... Causes skin irritation. IARC has classified Toluene as a Group 3 (Not classifiable as to its carcinogenicity to Carcinogenicity..... humans); ACGIH has classified Toluene as a Group A4 (Not classifiable as a human carcinogen). Xylene has been listed by IARC as a Group 3; not classifiable as to its carcinogenicity to humans. Mutagenicity..... Toluene: Developmental Toxicity. Reproductive effects..... Some evidence of adverse effects on development, based on animal experiments. None reported. Respiratory or Skin Sensitization..... STOT-SE..... Classification includes narcotic effects in a single exposure. Solvents may degrease the skin. . May cause drowsiness or dizziness.

STOT-RE...... Central nervous system. Eyes. Auditory system. Kidney. Liver.

#### **SECTION 12: ECOLOGICAL INFORMATION**

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

Information on safe handling for disposal . and methods of disposal, including any contaminated packaging

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.

#### **SECTION 14: TRANSPORT INFORMATION**

#### **SECTION 15: REGULATORY INFORMATION**

CEPA status..... On Domestic Substances List (DSL). TSCA inventory status..... All components are listed. This product is considered hazardous under the OSHA Hazard Communication Standard. OSHA..... SARA Title III Section 302 - extremely hazardous ........ substances Section 311/312 - hazard categories....... Immediate health, delayed health, fire hazard. Methanol. Toluene. Xylene. Methyl Ethyl Ketone. Isopropyl alcohol. Methyl Isobutyl Ketone. Section 313..... Cyclohexane. EPA hazardous air pollutants (HAPS) ..... Methanol. Toluene. Xylene. Methyl Ethyl Ketone. Methyl Isobutyl Ketone. 40CFR63 California Proposition 65..... \*\*\*! WARNING: This product can expose you to chemicals including [see below], which

are known to the State of California to cause birth defects or other reproductive harm. (Methanol (D)). (Toluene(D)). (Methyl Isobutyl Ketone (D)). \*\*\*! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause cancer. (Methyl Isobutyl Ketone (C)). For more information, go to www.P65Warnings.ca.gov.

### **SECTION 16: OTHER INFORMATION**

Prepared by: ...... REGULATORY AFFAIRS.

### **SECTION 16: OTHER INFORMATION**

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.

Review Date:.... Date of the latest revision of the safety ... data sheet

2022-11-30.

2024-03-12