

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: FOUR WAY ACTION AEROSOL
Product Use: PRESSURIZED WET LUBRICANT
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	OSHA PEL	ACGIH TLV
Trichloroethylene	79-01-6	50-60 %	50 ppm	50 ppm
Mineral Spirits	8052-41-3	5 - 15 %	500 ppm	500 ppm
Petroleum Lube Oil	64742-65-0	15 - 30 %	5 mg/m3* * oil mist	5 mg/m3*
Carbon Dioxide (propellant)	124-38-9	10 - 20 %	800ppm	800ppm

SECTION III - PHYSICAL DATA

Physical State: LIQUID **Specific gravity:** 1.00 **pH:** Not available.
Odour and appearance: CLEAR, COLOURLESS TO LIGHT YELLOW LIQUID, CHERRY ODOUR
Odour threshold: Not available. **Vapour pressure:** Not available.
Vapour density (air = 1): >1.0 **Evaporation rate (WATER-1):** >1.0
% volatile by volume: 9.00 - 10.0% **Solubility in water:** INSOLUBLE
Boiling Point (C °): Not available. **Melting Point (C °):** Not available.
Coefficient of water/oil distribution: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: NON FLAMMABLE
Flash Point (C °) and method: GREATER THAN 100° C - CLOSED CUP
Upper flammable limit: Not applicable. **Lower flammable limit:** Not applicable.
Autoignition temperature: Not applicable. **Flammability classification:** Not applicable.
Conditions of flammability: EXPOSURE TO TEMPERATURES ABOVE 50° C MAY CAUSE CANS TO BURST. **Means of extinction:** FOAM, CARBON DIOXIDE, DRY CHEMICAL
Special fire fighting procedures: COOL FIRE-EXPOSED CONTAINERS WITH WATER TO PREVENT BURSTING. FIRE FIGHTERS SHOULD BE EQUIPPED WITH FULL PROTECTIVE GEAR INCLUDING SELF CONTAINED BREATHING APPARATUS.
Hazardous combustion products: OXIDES OF CARBON AND HYDROCARBON VAPOURS.
Sensitivity to mechanical impact: NOT SENSITIVE
Sensitivity to static discharge: NOT SENSITIVE

SECTION V - REACTIVITY DATA

Is the product stable: YES - STABLE
Incompatible substances: ACIDS AND STRONG OXIDIZING AGENTS.
Conditions to avoid: HEAT, SPARKS AND OPEN FLAMES AND ELECTRIC ARCS. DROPPING CONTAINER MAY CAUSE BURSTING.
Hazardous decomposition products: THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON AND HYDROCARBON VAPOURS.

PRODUCT IDENTIFIER: FOUR WAY ACTION AEROSOL

SECTION VI - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: SKIN AND EYE CONTACT, INHALATION. INGESTION IS UNLIKELY
WHMIS classification: D1B / D2B. Exposure Limits: 50 ppm for Trichloroethylene.
Irritant: CAN IRRITATE NOSE, EYES AND THROAT. Carcinogen: TRICHLOROETHYLENE SUSPECTED AS A HUMAN CARCINOGEN BY OSHA,NTP, IARC – 2 A.
Sensitizer: NOT IDENTIFIED AS A SENSITIZER.
Synergistic products: NONE KNOWN. Effects of acute exposure: Eyes: CAUSES SEVERE IRRITATION EXPERIENCED AS DISCOMFORT OR PAIN, EXCESSIVE BLINKING AND TEAR PRODUCTION WITH REDNESS AND SWELLING OF THE CONJUNCTIVA.
Skin: BRIEF CONTACT MAY CAUSE SLIGHT IRRITATION.
Inhalation: HIGH VAPOUR / AEROSOL CONCENTRATION (>1000 ppm) ARE IRRITATING TO THE RESPIRATORY TRACT. MAY CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS AND OTHER CNS EFFECTS INCLUDING DEATH. MAY CAUSE PERIPHERAL NERVOUS SYSTEM DISORDER OR DAMAGE.
Ingestion: HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD. MATERIAL CAN ENTER THE LUNGS DURING SWALLOWING OR VOMITING AND CAUSE LUNG INFLAMMATION AND DAMAGE. Effects of chronic exposure: PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE SEVERE IRRITATION WITH PAIN, LOCAL REDNESS, AND SWELLING.

SECTION VII - PREVENTION MEASURES

Gloves: IMPERVIOUS (RUBBER, NITRILE, OR NEOPRENE)	Respirator: IF EXPOSURE LIMITS ARE EXCEEDED WEAR NIOSH APPROVED RESPIRATOR FOLLOWING MANUFACTURER'S RECOMMENDATIONS.	Eye protection: GLASSES or CHEMICAL GOGGLES.
Footwear: NO SPECIAL REQUIREMENTS.	Clothing: IMPERVIOUS CLOTHING	Other requirements: EYE WASH STATION

Engineering Controls: LOCAL VENTILATION RECOMMENDED.
Respiratory protection: USE WITH ADEQUATE VENTILATION. WEAR A NIOSH APPROVED RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED. FOLLOW MANUFACTURER'S INSTRUCTIONS. Leak or spill procedures: VENTILATE AREA. EXTINGUISH ALL SOURCE OF IGNITION. CONTAIN SPILL AND SOAK UP SPILLED LIQUID WITH INERT ABSORBENT MATERIAL AND PLACE IN A LABELED CLOSED CONTAINER. Waste disposal: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES. DISPOSE CANS IN NON-INCINERATED TRASH.
Handling and storage requirements: STORE IN A COOL, DRY PLACE AWAY FROM HEAT, SPARKS AND OPEN FLAME. DO NOT EXPOSE TO DIRECT SUNLIGHT OR AT TEMPERATURES ABOVE 50° C. KEEP OUT OF THE REACH OF CHILDREN. DO NOT PUNCTURE OR INCINERATE CANS.
Special shipping information: TDG - CONSUMER COMMODITY

SECTION VIII - FIRST AID MEASURES

Eyes: FLUSH EYES AND UNDER EYELIDS FOR AT LEAST 15 MINUTES. OBTAIN IMMEDIATE MEDICAL ATTENTION. Skin: REMOVE CONTAMINATED CLOTHING AND FLUSH WITH WATER FOR AT LEAST 15 MINUTES. LAUNDRY CLOTHING SEPARATELY BEFORE RE-USE. OBTAIN MEDICAL ATTENTION Ingestion: CONTACT PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. RINSE MOUTH WITH WATER AND GIVE 1 GLASS OF WATER IF ABLE TO SWALLOW. DO NOT INDUCE VOMITING UNLESS INSTRUCTED TO DO SO BY A PHYSICIAN OR POISON CONTROL CENTRE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Inhalation: REMOVE PERSON TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

SECTION IX - PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEET
Prepared by: SHARE CANADA Telephone: 1-204-633-8553
Preparation date: February 28, 2011