

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: FOUR WAY ACTION
Recommended Use: AEROSOL LUBRICANT
Restrictions on Use: INDUSTRIAL USE ONLY
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone Number: (204) 633-8553 Fax: (204) 633-8453
Emergency telephone number: CANUTEC: (613) 996-6666

SECTION 2 - HAZARDS IDENTIFICATION

WHMIS 2015 hazard classification: EXTREMELY FLAMMABLE AEROSOL 1, ASPIRATION TOXIC 1

Hazard Pictograms:



Signal word: DANGER
Hazard statement(s): EXTREMELY FLAMMABLE AEROSOL
MAY BE FATAL IF SWALLOWED OR ENTERS AIRWAYS.

Precautionary statements:
KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES, HOT SURFACES. – NO SMOKING
DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCE
PRESSURIZED CONTAINER. DO NOT PIERCE OR BURN, EVEN AFTER USE

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION %
HYDROCARBONS, C-11-C14 ISOALKANES,CYCLICS, < 2% AROMATICS	647422-47-8	40 – 60 %
PROPANE	74-98-6	10 – 20 %
DIETHYLENE GLYCOL MONOBUTYL ETHER.	112-34-5	2.5 – 10 %

SECTION 4 – FIRST AID MEASURES

First-aid measures general: TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING AND WASH BEFORE RE-USE. IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE. ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF MATERIALS INVOLVED AND TAKE PRECAUTIONS TO PROTECT THEMSELVES.

First-aid measures after inhalation: REMOVE VICTIM TO FRESH AIR. RESPIRATORY PROBLEMS: CONSULT A DOCTOR / MEDICAL SERVICE.

First-aid measures after skin contact: TAKE OFF CONTAMINATED CLOTHING. RINSE WITH WATER. IF SKIN IRRITATION OR RASH OCCURS, GET MEDICAL ADVICE / ATTENTION.

First-aid measures after eye contact: RINSE IMMEDIATELY WITH WATER FOR 15 MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO SO. CONTINUE RINSING. IF EYE IRRITATION PERSISTS. GET MEDICAL ADVICE / ATTENTION.

First-aid measures after ingestion: CONSULT A PHYSICIAN IMMEDIATELY. RINSE MOUTH. DO NOT INDUCE VOMITING.

Symptoms / injuries after skin contact: CONTACT DURING A LONG PERIOD OF TIME MAY CAUSE SLIGHT IRRITATION.

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Symptoms / injuries after eye contact: **DIRECT CONTACT WITH THE EYES IS LIKELY IRRITATING.**
Symptoms / injuries after ingestion: **SWALLOWING THE LIQUID MAY CAUSE ASPIRATION INTO THE LUNGS WITH THE RISK OF CHEMICAL PNEUMONITIS. RISK OF LUNG EDEMA.**
Indication of any immediate medical attention and special treatment needed: **TREAT SYMPTOMATICALLY.**

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: **POWDER, ALCOHOL – RESISTANT FOAM, WATER FOG, CARBON DIOXIDE..**

Unsuitable extinguishing media: **DO NOT USE A WATER JET SINCE IT MAY CAUSE THE FIRE TO SPREAD.**

Special hazards arising from the substance or mixture:

Fire hazard: **EXTREMELY FLAMMABLE AEROSOL.**

Explosion hazard: **CONTAINS GAS UNDER PRESSURE. MAY EXPLODE IF HEATED.**

Reactivity: **THIS PRODUCT IS NON-REACTIVE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TRANSPORT.**

Advice for firefighters:

Firefighting instructions: **IN CASE OF FIRE AND / OR EXPLOSION, DO NOT BREATHE FUMES.**

MOVE CONTAINERS AWAY FROM FIRE AREA IF THIS CAN BE DONE WITHOUT RISK. NEVER DIRECT WATER JET ON LIQUID. USE WATER SPRAY OR FOG TO COOL EXPOSED CONTAINERS.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

General measures: **EVACUATE UNNECESSARY PERSONNEL. STAY UPWIND / KEEP DISTANCE FROM THE SOURCE. GAS IS DENSER THAN AIR. MAY ACCUMULATE IN LOW AREAS CLOSE TO THE GROUND. VAPOURS ARE HEAVIER THAN AIR AND MAY TRAVEL CONSIDERABLE DISTANCE TO AN IGNITION SOURCE AND FLASH BACK TO SOURCE OF VAPOURS.**

For non-emergency personnel:

Protective equipment: **DO NOT ENTER WITHOUT APPROPRIATE PROTECTIVE EQUIPMENT. DO NOT BREATHE GAS / VAPOUR. DO NOT TOUCH SPILLED MATERIAL.**

Emergency procedures: **VENTILATE THE AREA THOROUGHLY, ESPECIALLY LOW LYING AREAS (BASEMENTS, WORK PITS ETC.) ADVISE LOCAL AUTHORITIES IF CONSIDERED NECESSARY.**

For emergency responders: **NO ADDITIONAL INFORMATION AVAILABLE.**

Methods for cleaning up: **TAKE UP LIQUID SPILL INTO ABSORB-ANT MATERIAL.**

Reference to other sections: **NO ADDITIONAL INFORMATION AVAILABLE. FLUSH AREA WITH WATER. CLEAN THOROUGHLY.**

Environmental protection: **AVOID RELEASE TO THE ENVIRONMENT. DO NOT CONTAMINATE WATER WITH THIS PRODUCT OR ITS CONTAINER. DO NOT ALLOW TO ENTER DRAINS OR WATER COURSES.**

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: **ELIMINATE EVERY SOURCE OF IGNITION. NO OPEN FLAME , NO SPARKS AND NO SMOKING. PRESSURIZED CONTAINER. DO NOT PIERCE OR BURN EVEN AFTER USE. DO NOT USE IF SPRAY BUTTON IS MISSING OR DEFECTIVE. DO NOT SPRAY ON A NAKED FLAME OR ANY INCANDESCENT MATERIAL. DO NOT SMOKE WHEN HANDLING THIS PRODUCT. HANDLING THIS PRODUCT MAY RESULT IN ELECTROSTATIC ACCUMULATION. USE PROPER GROUNDING PROCEDURE. AVOID CONTACT WITH SKIN EYES AND CLOTHING. DO NOT BREATHE SPRAY. USE OUTDOORS OR IN A WELL-VENTILATED AREA. WEAR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT.**

Hygiene measures: **WASH THOROUGHLY AFTER HANDLING. USE GOOD PERSONAL HYGIENE PRACTICES.**

Technical measures: **DO NOT PUNCTURE, INCINERATE OR CRUSH. KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS AND OPEN FLAME AND OTHER IGNITION SOURCES. NO SMOKING.:**

Incompatible materials: **PRESSURIZED CONTAINER. PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 ° C.**

Storage area: **AEROSOL 3. STORE IN A COOL AREA.**

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**PROPANE (74-98-6) ACGIH TWA 1000 ppm OSHA TWA 1000 ppm OSHA PEL TWA 1800 mg/m3
DIETHYLENE GLYCOL MONOBUTYL ETHER 112-34-5 ACGIH TWA 10 ppm**

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Personal protective equipment: **GLOVES, PROTECTIVE CLOTHING. SAFETY GLASSES. IF PERMISSIBLE LEVELS ARE EXCEEDED. USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHEN RISK ASSESSMENT INDICATES THIS IS NECESSARY.**



SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	LIQUID
Colour and appearance:	AEROSOL. AMBER DARK BROWN LIQUID CHARACTERISTIC.
Odour:	NO DATA AVAILABLE
Odour threshold:	NO DATA AVAILABLE
pH:	NO DATA AVAILABLE
Melting point:	NO DATA AVAILABLE
Freezing point:	NO DATA AVAILABLE
Boiling point:	83.7 ° C.
Flash point:	- 104 ° C. PROPELLANT ESTIMATED
Relative evaporation rate (butyl acetate = 1	NO DATA AVAILABLE
Flammability (solid, gas):	NO DATA AVAILABLE
Explosive properties:	NO DATA AVAILABLE
Oxidizing properties:	NO DATA AVAILABLE
Vapour pressure:	NO DATA AVAILABLE
Relative density:	NO DATA AVAILABLE
Relative vapour density at 20 °C:	NO DATA AVAILABLE
Specific gravity /density:	0.831 – 0.851 g / mL (estimated)
Solubility:	NOT DETERMINED
Log Pow:	NO DATA AVAILABLE
Log Kow:	NO DATA AVAILABLE
Auto-ignition temperature:	254.99 ° C. ESTIMATED
Decomposition temperature:	NO DATA AVAILABLE
Viscosity:	NO DATA AVAILABLE
Viscosity, kinematic:	> 20 cSt
Viscosity, dynamic:	NO DATA AVAILABLE
VOC content.	NO DATA AVAILABLE

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: THIS PRODUCT IS NONREACTIVE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TRANSPORT.

Chemical stability: THIS PRODUCT IS STABLE UNDER NORMAL HANDLING AND STORAGE CONDITIONS.

Possibility of hazardous reactions: HAZARDOUS POLYMERIZATION DOES NOT OCCUR.

Conditions to avoid: HEAT, OPEN FLAME, SPARKS, INCOMPATIBLE MATERIALS. AEROSOL CONTAINERS ARE UNSTABLE AT TEMPERATURES ABOVE 49° C. AVOID TEMPERATURES EXCEEDING THE FLASHPOINT.

Incompatible materials: STRONG OXIDIZING AGENTS, FLUORINE, CHLORINE, NITRATES.

Hazardous decomposition products: UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS DECOMPOSITION PRODUCTS SHOULD NOT BE PRODUCED.

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SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: DERMAL: NOT CLASSIFIED.

HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS
(64742-47-8) LD50 DERMAL RABBIT > 5000 MG/KG BODY WEIGHT (RABBIT; LITERATURE)

Skin Corrosion/Irritation : NOT CLASSIFIED

Serious Eye Damage/Irritation : NOT CLASSIFIED.

Respiratory Or Skin : NOT CLASSIFIED
Sensitization

Germ Cell Mutagenicity : NOT CLASSIFIED

Carcinogenicity : NOT CLASSIFIED.

Reproductive Toxicity : NOT CLASSIFIED

Specific Target Organ Toxicity : NOT CLASSIFIED
(Single Exposure)

Specific Target Organ Toxicity : NOT CLASSIFIED
(Repeated Exposure)

Aspiration Hazard : MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

Symptoms/Injuries After Skin : CONTACT DURING A LONG PERIOD MAY
Contact CAUSE SLIGHT IRRITATION.

Symptoms/Injuries After Eye : DIRECT CONTACT WITH THE EYES IS LIKELY IRRITATING.
Contact

Symptoms/Injuries After : SWALLOWING THE LIQUID MAY CAUSE ASPIRATION INTO
Ingestion THE LUNGS WITH THE RISK OF CHEMICAL PNEUMONITIS.
RISK OF LUNG EDEMA.

Likely Routes Of Exposure : SKIN AND EYE CONTACT, INHALATION. INGESTION.

SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General): NO ADDITIONAL INFORMATION AVAILABLE

Persistence and degradability: NO ADDITIONAL INFORMATION AVAILABLE

Bioaccumulation potential: NO ADDITIONAL INFORMATION AVAILABLE

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste treatment methods: CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE, OR CRUSH. DISPOSE OF CONTENTS/CONTAINER TO COMPLY WITH LOCAL / REGIONAL / NATIONAL / INTERNATIONAL REGULATIONS

Additional information: THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE MANNER. EMPTY CONTAINERS SHOULD BE TAKEN FOR RECYCLING. HANDLE UNCLEAN EMPTY CONTAINERS AS FULL ONES.

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SECTION 14 – TRANSPORT INFORMATION

T.D.G. Shipping Name: **AEROSOLS, FLAMMABLE**

Class: **2.1**

UN Number: **UN 1950**

Packing Group: **Not applicable.**

Limited quantity exemption: **CONTAINER UNDER 1 LITRE.**

SECTION 15 - REGULATORY INFORMATION

THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015

SECTION 16 - OTHER INFORMATION

Information Sources: **SUPPLIER'S SDS**

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