Four Way Action Aerosol
Safety Data Sheet

SECTION 1: Product and company identification

Product name	:	Four Way Action Aerosol
Use of the substance/mixture	:	Aerosol Lubricant
Product code	:	809701
Company	:	Share Corporation P.O. Box 245013 Milwaukee, WI 53224 - USA T (414) 355-4000
Emergency number	:	Chemtrec: (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Liquefied gas	H280
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
Skin Sens. 1B	H317
Muta. 2	H341
Carc. 1B	H350
STOT SE 3	H336

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :

GHS04 GHS07 GHS08

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) :
Contains gas under pressure; may explode if heated
Causes skin irritation
May cause an allergic skin reaction
Causes serious eye irritation
May cause drowsiness or dizziness
Suspected of causing genetic defects (Inhalation)
May cause cancer (Inhalation)

Precautionary statements (GHS-US) :
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Avoid breathing mist, spray
Wash thoroughly after handling
Use only outdoors or in a well-ventilated area
Contaminated work clothing must not be allowed out of the workplace
Wear protective gloves, eye protection
If on skin: Wash with plenty of soap and water.
If inhaled: Remove person to fresh air and keep comfortable for breathing
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If exposed or concerned: Get medical advice/attention
Call a POISON CENTER, a doctor if you feel unwell
Specific treatment (see First aid measures on this label)
If skin irritation occurs: Get medical advice/attention
If skin irritation or rash occurs: Get medical advice/attention
If eye irritation persists: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
Store in a well-ventilated place. Keep container tightly closed
Store locked up
Protect from sunlight. Store in a well-ventilated place
Dispose of contents/container to comply with local/regional/national/international regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Full text of H-phrases: see section 16

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
trichloroethylene, trichloroethene	(CAS No) 79-01-6	50 - 60	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Muta. 2, H341 Carc. 1B, H350 STOT SE 3, H336 Aquatic Chronic 3, H412
Heavy hydrotreated naphthenic distillates	(CAS No) 64742-52-5	20 - 30	Carc. 1B, H350
Distillates (petroleum), hydrotreated light, Kerosine - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).]	(CAS No) 64742-47-8	5 - 10	Not classified
carbon dioxide, liquefied, under pressure	(CAS No) 124-38-9	1 - 5	Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact : Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Do not induce vomiting. Immediately call a poison center or doctor/physician. Vomiting: prevent asphyxia/aspiration pneumonia.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Contents under pressure. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. May cause cancer (Inhalation). Suspected of causing genetic defects (Inhalation). Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.

Symptoms/injuries after inhalation : Harmful if inhaled.

Symptoms/injuries after skin contact : Causes skin irritation.

Symptoms/injuries after eye contact : Causes serious eye irritation.

Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Water fog. Foam.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable aerosol. Under fire conditions closed containers may rupture or explode.

Explosion hazard : Contains gas under pressure; may explode if heated. Vapors may travel long distances along ground before igniting/flashing back to vapor source. Bursting aerosol containers may be propelled from a fire at high speed.

Reactivity : Upon combustion: CO and CO2 are formed. HCl.

5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. No action shall be taken involving any personal risk or without suitable training. Move containers away from the fire area if this can be done without risk.

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate unnecessary personnel. Isolate from fire, if possible, without unnecessary risk. Gas is denser than air. May accumulate in low areas e.g. close to the ground.

6.1.1. For non-emergency personnel

Protective equipment : Do not enter without an appropriate protective equipment.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak if safe to do so. Isolate area until gas has dispersed. Eliminate every possible source of ignition. Use water spray to disperse the vapors. Collect spillage.

Methods for cleaning up : Take up liquid spill into inert absorbent material.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Pressurized container: Do not pierce or burn, even after use.

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Pressurized container: Do not pierce or burn, even after use. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Do not puncture, incinerate or crush.

Storage conditions : Do not expose to temperatures exceeding 50 °C/ 122 °F.

Heat-ignition : KEEP SUBSTANCE AWAY FROM: ignition sources. heat sources.

Storage area : Store in a cool area. Store away from heat.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

trichloroethylene, trichloroethene (79-01-6)		
ACGIH	ACGIH TWA (ppm)	10 ppm
ACGIH	ACGIH STEL (ppm)	25 ppm
ACGIH	Remark (ACGIH)	CNS impair; cognitive decrements

carbon dioxide, liquefied, under pressure (124-38-9)		
ACGIH	ACGIH TWA (ppm)	5000 ppm (Carbon dioxide; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
ACGIH	ACGIH STEL (ppm)	30000 ppm (Carbon dioxide; USA; Short time value; TLV - Adopted Value)

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Personal protective equipment : Protective goggles. Safety glasses. Use appropriate personal protective equipment when risk assessment indicates this is necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Gas

Appearance : Aerosol. amber. Liquid.

Odor : Solvent-like odor

Odor threshold	:	No data available
pH	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	None
Relative evaporation rate (butyl acetate=1)	:	No data available
Flammability (solid, gas)	:	No data available
Explosion limits	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Vapor pressure	:	No data available
Relative density	:	No data available
Relative vapor density at 20 °C	:	No data available
Specific gravity / density	:	1.1 g/ml
Solubility	:	Insoluble in water.
Log Pow	:	No data available
Log Kow	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
VOC content	:	65 %

SECTION 10: Stability and reactivity

10.1. Reactivity
Upon combustion: CO and CO2 are formed. HCl.

10.2. Chemical stability
The product is stable at normal handling- and storage conditions.

10.3. Possibility of hazardous reactions
Hazardous polymerization does not occur.

10.4. Conditions to avoid
No flames, No sparks. Eliminate all sources of ignition.

10.5. Incompatible materials
alkalis. Oxidizing agent. aluminum. lithium. magnesium.

10.6. Hazardous decomposition products
Carbon dioxide. Carbon monoxide. HCl.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	:	Not classified
Skin corrosion/irritation	:	Causes skin irritation.
Serious eye damage/irritation	:	Causes serious eye irritation.
Respiratory or skin sensitization	:	May cause an allergic skin reaction.
Germ cell mutagenicity	:	Suspected of causing genetic defects (Inhalation).
Carcinogenicity	:	May cause cancer (Inhalation).

trichloroethylene, trichloroethene (79-01-6)	
IARC group	2A - Probably Carcinogenic to Humans
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen

Reproductive toxicity	:	Not classified.
Specific target organ toxicity (single exposure)	:	May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure)	:	Not classified
Aspiration hazard	:	Not classified
Symptoms/injuries after inhalation	:	Harmful if inhaled.
Symptoms/injuries after skin contact	:	Causes skin irritation.
Symptoms/injuries after eye contact	:	Causes serious eye irritation.
Symptoms/injuries after ingestion	:	May be fatal if swallowed and enters airways.
Likely routes of exposure	:	Dermal;Inhalation

SECTION 12: Ecological information

12.1. Toxicity

carbon dioxide, liquefied, under pressure (124-38-9)	
LC50 fish 1	35 mg/l (LC50; 96 h; Salmo gairdneri)

12.2. Persistence and degradability

carbon dioxide, liquefied, under pressure (124-38-9)	
Persistence and degradability	Biodegradability: not applicable. Not applicable (gas).
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable

12.3. Bioaccumulative potential

carbon dioxide, liquefied, under pressure (124-38-9)	
Log Pow	0.83 (Experimental value)
Bioaccumulative potential	Bioaccumulation: not applicable.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container to comply with local/regional/national/international regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

Transport document description	:	UN1950 Aerosols (non-flammable, (each not exceeding 1 L capacity)), 2.2
UN-No.(DOT)	:	UN1950
Proper Shipping Name (DOT)	:	Aerosols non-flammable, (each not exceeding 1 L capacity)
Transport hazard class(es) (DOT)	:	2.2 - Class 2.2 - Non-flammable compressed gas 49 CFR 173.115
Hazard labels (DOT)	:	2.2 - Non-flammable gas

DOT Packaging Non Bulk (49 CFR 173.xxx)	:	None
DOT Packaging Bulk (49 CFR 173.xxx)	:	None
DOT Special Provisions (49 CFR 172.102)	:	
DOT Packaging Exceptions (49 CFR 173.xxx)	:	306
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	75 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	150 kg
DOT Vessel Stowage Location	:	A
DOT Vessel Stowage Other	:	25 - Shade from radiant heat,87 - Stow ‘‘separated from’’ Class 1 (explosives) except Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials

Additional information

Other information : This product may be eligible to be shipped as a Limited Quantity or Consumer Commodity ORM-D utilizing the exception found at 49 CFR 173.306.

ADR
No additional information available

Transport by sea
No additional information available

Air transport
No additional information available

SECTION 15: Regulatory information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

trichloroethylene, trichloroethene	CAS No 79-01-6	50 - 60

trichloroethylene, trichloroethene (79-01-6)	
Listed on SARA Section 313 (Specific toxic chemical listings)	
RQ (Reportable quantity, section 304 of EPA's List of Lists)	100 lb

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

SECTION 16: Other information

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

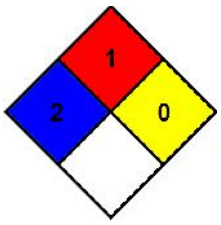
Full text of H-phrases:

Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Carc. 1B	Carcinogenicity Category 1B
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Liquefied gas	Gases under pressure Liquefied gas
Muta. 2	Germ cell mutagenicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1B	Skin sensitization Category 1B
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H280	Contains gas under pressure; may explode if heated
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H341	Suspected of causing genetic defects
H350	May cause cancer
H412	Harmful to aquatic life with long lasting effects

NFPA health hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard : 1 - Must be preheated before ignition can occur.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



Prepared by: Technical Department

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