


SAFETY DATA SHEET

ISSUE DATE:	5/23/2022
SECTION 1. IDENTIFICATION	
PRODUCT NAME: Ultra Cool R134a 30lb Refrigerant Cylinder	
TRADE NAME/CHEMICAL NAME: R134A / 1,1,1,2-TETRAFLUOROETHANE	
Mfg. Model No: UC134a-30	
MANUFACTURER: AW PRODUCT SALES & MARKETING, INC.	
PRODUCT SUPPLIED BY: AW DISTRIBUTING, INC.	
ADDRESS: 204E, 2 nd AVENUE, #343, SAN MATEO, CA 94401	
PHONE #: 1-415-867-7734	
EMERGENCY PHONE #: CHEMTREC 1-800-424-9300	

SECTION 2. HAZARDS IDENTIFICATION	
EMERGENCY OVERVIEW	
APPEARANCE AND ODOR: CLEAR, COLORLESS LIQUEFIED GAS WITH SLIGHT ETHEREAL ODOR	
WARNING 	
Contains gas under pressure, may explode if heated.	
Precautionary measures: Avoid breathing vapor and mist. Vapor, mist and gas are heavier than air. Do not spray directly on human, avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep away from heat and flame, and do not expose to above 52°C.	
Potential health effect: Eyes: May cause minimal irritation. Skin: May cause minimal skin irritation. Inhalation: Not expected to be acutely toxic by inhalation. Ingestion: Not expected to be acutely toxic by inhalation. Ingestion from an aerosol product is unlikely to occur. Contains ethanol Harmful if swallowed. Sensitization properties: Unknown Chronic properties: No information is available. Other remarks: Propellant is a narcotic gas, which acts as a depressant on the central nervous system.	

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS					
CHEMICAL NAME	COMMON NAME	CAS NO.	ACGIH TLVPEL	OSHA RECOMMENDED	OTHER LIMITS
1,1,1,2-TETRAFLUOROETHANE	HYDROFLUOROCARBON	811-97-2		UN	UN
HAZARDOUS INGREDIENTS AS DEFINED BY OSHA 29 CFR 1910.1200					

SECTION 4. FIRST AID MEASURES	
Eyes:	Flush immediately with water for at least 15 minutes .
Skin:	Get medical attention if irritation develops.
Inhalation:	Remove exposed person to fresh air if adverse effects are observed. Get immediate medical attention if respiratory, or unconsciousness occurs.
Ingestion:	Do not make person vomit unless directed to do so by medical personnel.
Note to physician: Treat symptomatically.	

SECTION 5. FIREFIGHTING MEASURES

Extinguishing media: CO₂, dry chemical, foam and sand for small fire only.

Unusual fire & explosion hazards: Contents is not flammable.

On the location above 52°C, it may cause rupture. Cool tank or container with spray water.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Procedures in case of accidental release, breakage or leakage.

Stop the source of the leak or release. Eliminate source of ignition.

SECTION 7. HANDLING AND STORAGE

Handling:

For aerosol can product containing high-pressure gas, and the incorrect operation may cause hurt to the people. Please observe the following safety precautions:

Hold the can up when spray. Don't spray to skin or eyes that cause cold injury. Do not lay the can near stove or fire. Do not throw into fire. Please set the aerosol can away from children; avoid to hit the can.

Storage:

Periods of exposure to high temperatures should be minimized. Avoid direct sunlight. Do not expose to above 52°C.

Do not expose to the moist places that cause rusting.

Note: Observe all federal, state and local regulations when storing this substance.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection: Chemical type goggles or face shield optional.

Skin protection: Impervious gloves should be worn.

Respiratory protection: Wear breathing mask.

Ventilation: No special ventilation is usually necessary. However, if operating conditions create high air borne concentrations of this material, special ventilation may be needed.

Other clothing and equipment: No special clothing or equipment is usually necessary. Work practices, hygienic practices: No information is available.

Protective measures during maintenance of contaminated equipment: N.D.A.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°C 1 atm)	-15.7 F	SPECIFIC GRAVITY (H₂O = 1)	(H ₂ O = 1.00) :1.208
VAPOR PRESSURE (Mpa)	96 PSIG @ 77 F	PERCENT VOLATILE BY VOLUME (%)	100%
VAPOR DENSITY (25°C)	(AIR = 1.00): 3.6	EVAPORATION RATE (nBUOAC = 1)	> 1 (CCL ₄ = 1.0)
SOLUBILITY IN WATER	0.15%	APPEARANCE AND ODOR	CLEAR, COLORLESS LIQUEFIED GAS WITH SLIGHT ETHEREAL ODOR

SECTION 10. STABILITY AND REACTIVITY

Flash Point (Method Used)	Will not burn	Explosive Limits	N/A	N/A
Extinguishing Media	DRY CHEMICAL EXTINGUISHER , WATER			
Special Fire Fighting Procedures	Wear self-contained breathing apparatus.			
Unusual Fire Hazards	N/A			
Stability	Unstable	STABLE XX	Conditions To Avoid	
Incompatibility (Materials to avoid)	Oxidizing materials and concentrated acids.			
Hazardous Decomposition / By Products	UK			
Hazardous Polymerization	May Occur	Will Not Occur XX	Conditions To Avoid N/A	

SECTION 11. TOXICOLOGICAL INFORMATION

Skin irritation: May cause slight irritation.

Eye irritation: May cause slight irritation.

Ingestion acute oral toxicity: N.D.A

Mutagenic effects: N.D.A

Sensitization: N.D.A

Chromosome aberration: N.D.A

Sub-acute toxicity: N.D.A.

SECTION 12. ECOLOGICAL INFORMATION

Biodegradation: N.D.A

Environmental fate: N.D.A

SECTION 13. DISPOSAL CONSIDERATIONS

To dispose, empty content completely by in outdoor. Waste may be burned in an approved incinerator or disposed of by a licensed firm. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

SECTION 14. TRANSPORT INFORMATION**UN NUMBER:** UN 3159**SHIPPING NAME:** 1,1,1,2-TETRAFLUOROETHANE (R134A)**TRANSPORT HAZARD CLASS(ES):** 2.1 Aerosols**SECTION 15. REGULATORY INFORMATION**

Comply with Federal, State and Local regulations.

SECTION 16. OTHER INFORMATION

Not applicable.

N.D.A.: No Data Available N.A: Not Applicable <:Less than >:Greater than

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End of SDS