

Sol-X

Material Safety Data Sheet AC2215 Total Treatment

Section 1: Chemical Product and Company Identification

Product Identification:

Product Name: Airco Total Treatment with Glo-Leak
Product Code: AC2215
Nature of Product: Automotive A/C Service Product

Company Identification: Central Solutions (GB) Ltd
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Section 2: Composition and Information of Ingredients

Ingredient Name	CAS Number		
1,1,1,2-Tetrafluoroethane	811-97-2	35-45%	
Polyalkylene Glycol(PAG)	-	40-50%	
Cyclohexanone	108-94-1	<3%	
Methanol	67-56-1	3-10%	
Methylene Chloride	75-09-02	1%	
Molyvan	71342-89-7	<1%	

Section 3: Hazard Identification

Primary entry routes: Skin, Dermal, Inhalation and ingestion
Target Organs: Eyes, Skin and Respiratory System
Over exposure effects: Can cause eye burns, Skin irritation and possible dermatitis.

Section 4: First Aid Measures

Eye Contact: Liquid splashes or vapour spray may cause freeze burns. Immediately flush with plenty of water, Have eyes examined by medical personnel.

Skin Contact: Skin contact may cause freeze burns (frostbite). Thaw effected areas with water, remove contaminated clothing carefully. Wash affected areas thoroughly with plenty of warm water. Obtain medical attention if burns are severe.

Inhalation: Exposure to high concentrations may induce anesthetic effects. Can act as an asphyxiant by limiting oxygen. Cardiac sensitization to circulating epinephrine-like compounds can result in fatal cardiac arrhythmias. Remove to fresh air, seek immediate medical attention. Do not administer adrenaline or similar drugs as cardiac arrhythmias may result.

Ingestion: **Do Not Induce Vomiting.** Wash out mouth with water and give 1 -2 glasses of water to drink. Seek immediate medical attention. (Never give anything by mouth to an unconscious person)

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Section 5: Fire Fighting Measures.

- Flammable properties:** Flash Point: Not determined
- Extinguishing Media:** Water, Dry Chemicals or CO2 foam
- Fire and Explosion hazards:** Heavy Vapours can suffocate. Highly toxic decomposition products.
- Fire fighting instructions:** Personal Protective equipment must be worn. Use self contained breathing apparatus with full facepiece and protective clothing.

Section 6: Accidental Release measures

- Personal Precautions:** Eliminate all sources of ignition- Heat, sparks, flame, electricity. Wear appropriate personal protective clothing and equipment. Ventilate the spill area and remove all other personnel.
- Environmental Precautions:** Absorb any oil spill with inert material. Prevent Spills from entering drains sewers or water courses. Place contaminated rags and waste into a chemical waste container. Treat or dispose of waste material in accordance with all applicable EU, National and local regulations.
- Disposal/Clean up:** If discarded in its original form, this product should be managed (stored/treated/disposed of) at an authorized facility, in compliance with EU, National and local regulations. Contact your government environmental agency if further guidance is required.

Section 7: Handling and Storage

- Handling:** Good Industrial Housekeeping measures are recommended.
- Do not breathe vapour or get fluid in eyes or on skin and clothing. Use with adequate ventilation. Use spark proof tools and explosion proof equipment
Wear appropriate protective equipment.
- Keep away from sources of ignition, oxidising agents. Store in a cool dry area, in a no smoking zone.
- Keep outer packaging containers tightly sealed when stored. Empty containers may contain residue which may exhibit hazards of the product.

Section 8: Exposure Controls/ Personal Protection

- Engineering Measures:** Oil Mist inhalation should be avoided. Ensure good ventilation
- Hygienic measures:** Do Not eat, drink or smoke when handling product. Wash hands thoroughly after use.
- Eye Face Protection:** Liquid splashes may cause eye burns, Use protective glasses with side shields to eliminate risk of splashing. A face shield is recommended when handling large quantities.
- Skin Protection:** Liquid splashes may cause freeze burns. Wear appropriate protective clothing, Gloves are essential, apron or body suit if conditions require it.
- Respiratory Protection:** Where there is a potential for airborne exposures above applicable limits, use approved respiratory protection.

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Section 9: Physical and Chemical properties

Physical state:	Liquid
Colour:	Clear
Odour:	Etheral Odour
Boiling Point:	-40F
Vapour density:	(Air = 1) less than 5.0
Specific Gravity:	(@20 Deg C) : 0.99-1.01
Vapour Pressure:	79 psig/Hg @ 25C
Solubility in water:	Non-Soluble

Section 10: Stability and Reactivity

Stability:	Stable
Polymerization:	Hazardous polymerization will not occur.
Materials to avoid:	May react violently with sodium, potassium and other alkali or alkaline earth metals, including magnesium and its alloys. Avoid oxidising agents.
Hazardous decomposition products:	Decomposition may produce strong toxic fumes. Hydrogen Fluoride and possible trace amounts of carbonyl fluoride.

Section 11: Toxicological Information

Eyes:	Vapours and splashes may cause eye burn
Skin:	Liquid splashes may cause freeze burn. Prolonged contact may cause irritation of the skin and possible dermatitis.
Inhalation:	Use good industrial practises. Mechanical ventilation should be used if conditions require it.
Ingestion:	No Information regarding ingestion available at time of publication.

Section 12: Ecological Information

Miscellaneous:	No adverse environmental effects are to be expected when used as intended.
Mobility:	Mobile liquid, but insoluble in water.
Biodegradable:	Not readily biodegradable.

Section 13: Disposal Considerations

Waste disposal:	Treat or dispose of waste material in accordance with all applicable EU, National and local regulations. Recommended disposal: controlled Incineration.
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Section 14: Transport Information

UN Number :	UN3159
Road Transport:	2.2 Non Flammable Gas
Maritime Transport:	2.2 Non Flammable Gas
Air Transport:	Restrictive Conditions

Section 15: Regulatory Information

Label Name:	AC2215 Total Treatment
Hazard Class:	2.2 Non Flammable Gas
Risk Phrases:	Xn R40 , 20/21/22 , 68/20/21/22
Safety Phrases:	S2, S23, S24, S25

Section 16: Other Information

The environmental, health and safety information contained herein, is given in compliance with statutory obligations and relates to the substance/preparation described in this material data sheet. It does not relate to use in combination with any other material or any other process. This data sheet and the information it contains is not intended to supercede any terms and conditions of sale and does not constitute a specification, promise, representation or warranty, wether expressed or implied except to the extent required by applicable law. The environmental, health and safety information contained herein is believed to be accurate based on our knowledge. It remains the responsibility of the customer to provide a safe workplace and to comply with all applicable laws and regulations.

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