

MATERIAL SAFETY DATA SHEET

Shield Air Conditioner Treatment Fogger

1 - IDENTIFICATION OF THE PRODUCT AND COMPANY

PRODUCT NAME	Shield Air Conditioner Treatment Fogger 200ml
PRODUCT CODE	SH755
APPLICATION	Cleaner and Disinfectant for automotive air conditioning systems
SUPPLIER AND MANUFACTURER	Shield Chemicals (Pty) Ltd No. 9 London Road, Apex, Benoni Gauteng South Africa
CONTACT NUMBERS	T) +27-11-421-7111 F) +27-11-421-0475
O/H 07h30 – 17h00 Monday – Friday	
WEB ADDRESS	www.shieldchem.co.za
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CONTACT PERSON	Mr. J Clark

2 - HAZARDS IDENTIFICATION

Extremely Flammable Aerosol

Contents under pressure

**3 - COMPOSITION/INFORMATION ON INGREDIENTS**

Name	CAS #	Amount	UN No.
Ethyl Alcohol	64-17-5	>50%	1170
Glutaral	111-30-8	<5%	
Nonionic Surfactant	84133-50-6	<5%	
Fragrance	N/A	<5%	

4 - FIRST AID MEASURES

INHALATION	Remove victim from the source of exposure to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Seek medical attention immediately.
INGESTION	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention immediately.
SKIN CONTACT	Wash thoroughly with water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If irritation persists, seek medical attention.
EYE CONTACT	Make sure to remove any contact lenses from the eyes before rinsing. Rinse thoroughly with plenty of water for 15 minutes and seek medical attention.

5 - FIRE-FIGHTING MEASURES

CLASSIFICATION	Combustible liquid
EXTINGUISHING MEDIA	Use Foam, Carbon dioxide (CO ₂) or dry powder extinguishers. Use water spray to cool the containers.
EXPOSURE HAZARDS	Combustion may evolve hazardous gasses
REMARKS	Wear self-contained breathing apparatus and protective clothing

6 - ACCIDENTAL RELEASE MEASURES

Method of disposal	Mix with inert material (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a dry, clean, lidded container for disposal according to local/national regulations. Ventilate area and wash spill site.
Personal Protection	Wear appropriate protective clothing to minimize contact with skin and eyes and prevent inhalation
Environmental Precautions	Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities that a spill has occurred.

7 - HANDLING AND STORAGE

HANDLING	Wear appropriate protective clothing and chemical safety gloves. Avoid contact with eyes, skin and clothing. Avoid inhalation. Keep away from heat, sparks and flame. Do not add any other substances to this product.
STORAGE	Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame. Do not expose to temperatures in excess of 50°C.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT	Respiratory: Government approved respirator Eyes: Wear chemical resistant safety goggles Clothing: Wear anti-static clothing Skin/Hand: Wear gloves resistant to chemicals
OTHER	No smoking, drinking and eating at working site. Wash thoroughly after handling

9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colourless, transparent liquid
COLOUR	Colourless
ODOUR	As per standard
SOLUBILITY	Miscible in water
FLASH POINT	To be determined
RELATIVE DENSITY	0.8 – 0.81

10 – STABILITY AND REACTIVITY

STABILITY	Stable under normal temperatures and pressures
CONDITIONS TO AVOID	Heat, flames and sparks
MATERIALS TO AVOID	Prevent contamination of the solution with any organic, flammable, combustible or oxidizing materials.
HAZARDOUS DECOMPOSITION PRODUCTS	Not known

11 - TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	No data available
SKIN CORROSION/IRRITATION	May cause skin irritation
SERIOUS EYE DAMAGE/IRRITATION	May cause eye irritation

12 - ECOLOGICAL INFORMATION

TOXICITY	This product is not classified as an environmental hazard
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13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	Dispose of in accordance with all federal, state and local environment regulations. Once tin is empty it can be discarded as normal household waste and recycled.
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14 - TRANSPORT INFORMATION

UN NUMBER	1950
PROPER SHIPPING NAME	Aerosols
TRANSPORT HAZARD CLASS	2.1
PACKING GROUP	-
SPECIAL PRECAUTIONS FOR USER	None Additional

15 - REGULATORY INFORMATION

Hazard Symbols	F+	Highly flammable
Risk Phases	R12	Extremely flammable
	R66	Repeated exposure may cause skin dryness and cracking
	R20/22	Harmful by inhalation and if swallowed
	R36/38	Irritating to the eyes & skin
Safety Phrases	S3/7	Keep container tightly closed in a cool place
	S16	Keep away from sources of ignition - No smoking

16 - OTHER INFORMATION

This materials safety data sheet has been compiled according to SABS 1104-1 and SABS 0265, and provides the best advice under our current state of knowledge. The user is ultimately responsible for ensuring that the requirements of the relevant legislation are complied with.

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.