

ANNEXURE 1 MATERIAL SAFETY DATA SHEET No: 1 Date Issued: 05th May 2020

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COMPANY DETAILS

Artisan Tools
20 Protea Glen, Kina Street,
Weltevreden Park
076 140 8103

1. Product and Company Identification:

(Page 1 may be used as an emergency safety sheet)

Trade name:	Alcohol car and room sanitizer aerosol Fogger	Chemical abstract No:	None
Chemical family:	Aerosol containing a denatured alcohol Benzalkonium chloride; alkyl dimethyl benzyl ammonium chloride	NIOSH no:	None
		Hazchem code:	NA
Synonyms:	NA	UN no:	1950

2. Composition:

Hazardous components:	Ethyl alcohol CAS 64-17-5 UN None 35-50 % Benzalkonium chloride CAS68424-85-1 UN None 1-5% LPG (propellant) CAS 68476-85-7 UN None 50-80%
EEC Classification:	Not listed
R Phrases:	R36

3. Hazards Identification:

Main Hazard:	Flammability of aerosol propellant
Flammability:	Only of aerosol propellant
Chemical Hazard:	Stable
Biological Hazard:	Not determined
Reproduction Hazard:	Not determined

Eye effect:	Eyes: Irritant
Health effects:	Skin: None
Health effects:	Ingestion: Low ingestion hazard
Health effects:	Inhalation: None
Carcinogenicity:	Not determined
Mutagenicity:	Not known
Neurotoxicity:	

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4. First Aid Measures:

Product in Eye:	No first aid should be needed.
Product on Skin:	No first aid should be needed.
Product Ingested:	No first aid should be needed.
Product Inhaled:	No first aid should be needed.

5. Fire Fighting Measures: (Of aerosol propellant only)

Extinguishing Media:	Foam / CO2 / Halon / Dry chemical.
Special Hazards:	Keep aerosol containers cool using water spray. Use proper equipment to protect personnel from bursting containers.
Protective Clothing:	Wear positive pressure self-contained breathing apparatus & protective gloves

6. Accidental Release Measures:

Personal Precautions:	Restrict access to area. Provide adequate protective equipment & ventilation.
Environmental Precautions:	Remove sources of flame & notify environmental authorities
Small Spills:	Absorb spill with inert material such as vermiculite. Place in in chemical waste containers for later disposal.
Large Spills:	Absorb spill with inert material such as vermiculite. Place in in chemical waste containers for later disposal.

7. Handling and Storage:

Suitable Material:

None

Handling/Storage Precautions:

Do not store near fire, sparks or flame. Do not puncture or incinerate aerosol containers. Exposure to temperatures above 45°C may cause the containers to burst.

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8. Exposure Controls/Personal Protection:

Occupational Exposure Limits:

Not known

Engineering Control Measures:

Only small aerosols under normal use. So, use adequate local ventilation

Personal Protection Respiratory:

Not necessary when used as expected with small aerosol.

Personal Protection Hands:

Not necessary when used as expected with small aerosol.

Personal Protection Eyes:

Not necessary when used as expected with small aerosol.

Personal Protection Skin:

Not necessary when used as expected with small aerosol.

Other Protection:

None

9. Physical and Chemical Properties:

Appearance:

Aerosol containing light coloured liquid.

Odour:

As per perfume

pH (1%):

NA

Boiling point:

Contents w/o propellant >65°C

Melting point:

NA

Flash point:

Does not apply to an aerosol.

Flammability:

Does not apply to an aerosol

Auto Flammability:

NA

Explosive Properties:	Contents NA
Oxidizing Properties:	Aerosol propellant will react with oxidizers
Vapour Pressure:	ND
Density:	0.85
Solubility Water:	Not soluble in water
Solubility Solvent:	ND
Solubility Coefficient:	ND
Neurotoxicity:	ND

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10. Stability and Reactivity:

Conditions to avoid:	Avoid flames & ignition sources, only for aerosol propellant.
Incompatible material:	oxidizers
Hazardous decomposition products:	Hydrocarbons, Silica, Carbon compounds

11. Toxicological Information:

Acute Toxicity:	ND
Skin and Eye Contact:	ND
Chronic Toxicity:	ND
Carcinogenicity:	ND
Mutagenicity:	ND
Reproductive hazards:	ND

12. Ecological Information:

Aquatic Toxicity:	Fish:	No ecological problems are to be expected with aerosols
Aquatic Toxicity:	Daphnia:	No ecological problems are to be expected with aerosols
Aquatic Toxicity:	Algae:	No ecological problems are to be expected with aerosols

Biodegradability:	No ecological problems are to be expected with aerosols
Bio-accumulation:	No ecological problems are to be expected with aerosols
Mobility:	No ecological problems are to be expected with aerosols
German wgtk:	ND

13. Disposal Considerations:

Disposal Methods:	As per local authority.
Disposal Packaging:	As per local authority.

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14. Transport Information:

UN no:	1950
Substance identity No:	Aerosols Flammable (Each not exceeding 1000ml capacity) Division 2.1
ADR/RID class:	Aerosols Flammable (Each not exceeding 1000ml capacity) Division 2.1
ADR/RID item no:	Aerosol
ADR/RID hazard identity no:	—
IMDG – Class:	2.1
IMDG – Packing Group:	Aerosol
IMDG – Marine Pollutant:	—
IMDG – EMS no:	2-13
IMDG – MFAG table no:	620
IMDG – Shipping name:	Aerosols Flammable (Each not exceeding 1000ml capacity) Division 2.1