

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

Page 1 of 6

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
Synonyms:	NA	Hazchem code:	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:		

ANNEXURE 1 MATERIAL SAFETY DATA SHEET No: 1 Date Issued: 05th May 2020
Page 2 of 6

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.

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

Page 3 of 6

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

ANNEXURE 1 MATERIAL SAFETY DATA SHEET No: 1 Date Issued: 05th May 2020
Page 4 of 6

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 wvk: ND

13. Disposal Considerations:

Disposal Methods: As per local authority.

Disposal Packaging: As per local authority.

ANNEXURE 1 MATERIAL SAFETY DATA SHEET No: 1 Date Issued: 05th May 2020
Page 5 of 6

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