

SAFETY DATA SHEET

AVOCA ALCOHOL ANTIBACTERIAL HAND GEL.

SECTION 1: Identification of the substance/mixture and of the manufacturing company.

1.1 Product identifier

Trade Name: Avoca Alcohol Antibacterial Hand Gel

Product code: LS294

1.2 Identified use of the mixture

Intended use: Hand sanitiser

1.3 Details of the Manufacturer

Company: John Drury & Co Limited (Bedforth, trading division)
28 River Street
Brighouse
West Yorkshire
HD6 1NJ

Telephone: 01484 714461

1.4 Emergency telephone number: 07803246981

SECTION 2: Hazards Identification.

2.1 Classification of the substance or mixture:

Flammable liquid: Flammable Cat 3

Eye contact: Irritating to eyes Cat 2a

Skin contact: Skin irritant on broken or damaged skin

Inhalation: High levels of vapour may cause dizziness. Can cause irritation of the respiratory tract.

Ingestion: May cause nausea, vomiting and intoxication.

2.2. Label Elements:

Label: in accordance with (EC) No 1272/2008



Signal word:	Warning
Hazard statement:	H226 Flammable liquid and Vapour.
Precautionary statements:	P210 Keep away from sources of ignition P233 Keep container tightly closed P241 Use explosion proof electrical equipment P242 Use only non-sparking tools P243 Take precautions against static discharge P264 Wash skin thoroughly after handling P280 wear protective gloves/eye protection/face protection
Response statements:	P303+P351+P353 if on skin or hair: take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 if in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 if eye irritation persists: get medical advice/attention.
Storage statements:	P403+P235 Store in a well ventilated place keep cool

SECTION 3: Composition and information on ingredients.

3.1 Hazardous ingredients:

Chemical name	CAS-No	Concentration (%w/w)
Ethanol	64-17-5	60 - 80

SECTION 4: First Aid measures.

4.1 Description of First Aid measures.

General advice: There are no hazards which require special first aid measures.
If symptoms persist or in all cases of doubt seek medical advice.

Inhalation: Remove to fresh air. Symptoms should subside quickly.

Skin Contact: Not required under normal use. Any irritation on damaged or open skin is transient.

Eye Contact: Irrigate with clean water for at least ten minutes. Irritation should be transient.

Ingestion: Do not induce vomiting. Rinse mouth with water.

SECTION 5: Firefighting measures.

5.1 Suitable Extinguishing media: Alcohol resistant foam, CO₂, powder, Water spray.

Unsuitable extinguishing media: Water jet

5.2 Specific hazards: Do not use solid water jet as may scatter the mixture.
Flash back possible due to vapour release
Vapours may cause explosive mixture with air.

5.3 Hazardous combustion product: Carbon oxides and smoke.

5.4 Advice to fire fighters: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures.

6.1 Personal precautions: Exclude sources of ignition.
Ensure the area is adequately ventilated.

6.2 Environmental precautions: Do not allow large quantities to enter land drains
Contact the environment Agency if released to the environment.

6.3 Clean up and removal. Soak up in absorbent material and place in a suitable container for disposal.

7.1 Safe Handling precautions: No special precautions required.
Handle in accordance with good industrial practice.

7.2 Conditions for safe storage: Keep in properly labelled containers.
Keep containers tightly closed.
Store below 40°C away from heat sources.
Store in accordance with good industrial practice.

SECTION 8: Exposure Controls / Personal protection.

8.1 Ingredients with workplace control parameters:

Ingredient	CAS No	Value type	Permissible concentration	Basis
Ethanol	64-17-5	TWA	1000ppm 1920 mg/m ³	GB EH40

8.2 Exposure Controls.

Personal Protective Equipment:

Eye protection: Not required under normal use.
Safety glasses/goggles remain optional.

Hand protection: Not required under normal use.
Disposable gloves remain optional.

Respiratory protection: Not normally required.

Other protective measures: Not normally required.

SECTION 9: Physical and Chemical Properties.

Appearance: Clear, colourless, viscous liquid.

Odour: Distinctively Alcoholic.

Physical State: Gel.

pH Value: 6.0 to 7.0

Boiling Point: Not determined. Expected to be 80 to 100°C

Flash point: 25 °C

Auto ignition temp: >375°C

Relative density: 0.85 to 0.90 g/cm³

Solubility in water: Miscible in all proportions.

SECTION 10: Stability and reactivity.

Reactivity: Not classified as a reactivity hazard.

Chemical stability: Stable under normal conditions

Possibility of hazardous reaction: Can react with strong oxidising agents.

Conditions to avoid: Heat, flames and sparks.

Incompatibilities: Oxidising agents

Hazardous decomposition products: No hazardous decomposition products are known.

SECTION 11: Toxicological information.**11.1 Information on toxicological effects:**

Not classified based on available information.

11.2 Information on ingredients:

ETHANOL.

Acute oral toxicity: LD50: 10470 mg/kg. ECD test 401.

Acute inhalation: LD50: 124.7 mg/l

11.3 Skin corrosion/irritation:

Not classified based on information available.

Product: No skin irritation on intact skin.

Ingredients: ETHANOL.

No Skin Irritation.

11.4 Eye damage/eye irritation:

Product: Causes eye irritation.

Ingredients: ETHANOL.

Irritation to eyes, Transient.

11.5 Respiratory sensitisation.

Not classified based on available information.

Product: Does not cause respiratory sensitisation.

Ingredients: Do not cause respiratory sensitisation.

11.6 Genotoxicity.

Not classified based on available information.

Product: Does not cause genotoxicity.

Ingredients: Do not cause genotoxicity.

11.7 Carcinogenicity.

Not classified based on available information.

Product: Not a known carcinogen.

Ingredients: Not a known carcinogen.

11.8 Reproductive toxicity.

Not classified based on available information.

Product: Not a known to effect reproduction.

Ingredients: Not a known to effect reproduction.

SECTION 12: Ecological Information.

12.1 Toxicity

ETHANOL:

Toxicity to fish: LC50 (pimephales promelas) >1000mg/l 96 h exposure.

Toxicity to aquatic invertebrates: EC50 (Daphnia Magna). 1000mg/l 48 h exposure.
NEOC (Daphnia Magna). 9.6mg/l 72h exposure.

Toxicity to algae: EC50 (Chlorella vulgaris: 275 mg/l 72 h exposure.

12.2 Persistence and degradability.

ETHANOL:

Biodegradability: Readily biodegradable.

Bio accumulative potential: Partition coefficient: n-octanol/water log Pow -0.35

12.3 Mobility in soil.

No Data Available.

12.4 Other adverse effects

None known.

SECTION 13: Disposal considerations.

13.1 Waste from residues: Dispose of in accordance with local regulations and byelaws.

13.2 Contaminated packaging: Can be recycled with general waste.

SECTION 14: Transport information.

14.1 UN Number: UN 1987

14.2 Proper shipping name: Alcohols, N.O S, (Contains Denatured Ethanol)

14.3 Transport Hazard Class: 3

14.4 Packaging group : iii

SECTION 15: Regulatory Information.

This product has been assessed according to EU Cosmetic Regulation No 1223/2009 and has been designated as safe to use in the stated application.

Label in accordance with (EC) No 1272/2008



Hazard statement: H226 Flammable liquid and Vapour.

Precautionary statements: P210 Keep away from sources of ignition
P233 Keep container tightly closed
P403 + P235 Store in a well ventilated place

SECTION 16: Other Information.

The information and recommendations contained in the Safety Data Sheet represent, to the best of our knowledge and belief, an accurate and reliable representation of the known data for this preparation at the date of issue. The information is intended only as guidance for the safe handling, use, processing, storage and accidental release of the product and is not intended to be construed as a warranty or specification. It is the responsibility of the user to evaluate this information in a prudent manner and to apply the information to their particular circumstance and purpose.