Infosafe No™ ACEOP	Issue Date :August 2024	ISSUED by ACECHEM

Product Name **Ethanol 95F4 Perfumery Grade**

Classified as hazardous

Section 1 - Identification

Product Identifier	Ethanol 95F4 Perfumery Grade
Company Product Codes / Numbers / Unique Identifiers	E331972
Company Name	ACE CHEMICAL COMPANY (ABN 35619819300)
Address	119A Mooringe Avenue Camden Park SA 5038 AUSTRALIA
Telephone/Fax Number	Tel: 08-8376 0844 Fax: 08-8295 8563
Emergency Phone Number	0438760844
E-mail Address	acechem@bigpond.com
Other Information	Ace Chemical Company has taken care in compiling this information. No liability is accepted wether direct or indirect from its application since the conditions of final use are outside Ace Chemical Companies control.

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture	Eye damage/irritation: Category 2A Flammable liquids: Category 2
Signal Word	DANGER
Hazard Statement (s)	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation.
Pictogram (s)	Exclamation mark,Flame





Precautionary Statement – Prevention	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion-proof [electrical/ventilating/lighting] equipment. P242 Use non-sparking tools. P243 Take action to prevent static discharges. P264 Wash thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P280(e) Wear eye protection/face protection.
Precautionary Statement – Response	P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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. P370+P378 In case of fire: Use to extinguish.
Precautionary Statement – Storage	P403+P235 Store in a well-ventilated place. Keep cool.
Precautionary Statement – Disposal	P501 Dispose of contents/container to .
Other Information	See Health Hazard Data.

Section 3 - Composition and Information on Ingredients

Ingredients	**Name**	**CAS**	**Proportion**

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Ingredients	Name	CAS	Proportion
	tert -butyl alcohol	75-65-0	0.25%
	Water To Make Total Of 100%	7732-82-5	
	Ethanol Absolute	64-17-5	95 %

Section 4 - First Aid Measures

Inhalation Remove from exposure, rest and keep warm. In severe cases obtain medical attention.

Ingestion Wash out mouth thoroughly with water and give plenty of water to drink. OBTAIN MEDICAL ATTENTION. Contact a doctor or Poisons Information Centre. Phone 13 1126.

Skin Wash off skin thoroughly with water. Remove contaminated clothing and wash before re-use. In severe cases, OBTAIN MEDICAL ATTENTION.

Eye Hold eyes open, flood with water for at least 15 minutes and see a doctor.

First Aid Facilities Safety shower. Eyewash facilities.

Advice to Doctor Treat symptomatically.

Section 5 - Firefighting Measures

Specific Methods Water spray, dry powder or vaporising liquids

Hazchem Code 2[Y]E

Section 6 - Accidental Release Measures

Spills & Disposal Shut off all sources of ignition. Inform others to keep at a safe distance. Wear appropriate protective clothing. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on an inert absorbent, transfer to container and arrange removal by disposal company. Ventilate area to dispel residual vapour. For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

Section 7 - Handling and Storage

Precautions for Safe Handling Take precautions against static discharge. All electrical equipment must be flameproofed.

Conditions for safe storage, including any incompatibilities Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture. Store small containers in suitable flammable liquid storage cabinets when not in use. Larger drums (200l) must be kept in purpose-built stores.

Section 8 - Exposure Controls and Personal Protection

Exposure Control Measures As appropriate to quantity handled.

Occupational Exposure Limit (OEL) Values OES, Long-term, mg/m3: 1900 - Ethanol

	TWA	STEL	CARCIN	NOTE
Ethanol 99.7-100% (absolute)	1000/1880	-/-	-	-

Respiratory Protection Self-contained breathing apparatus

Hand Protection Rubber or plastic [00803]
Goggles or face-shield

Other Information Ventilation: Fume cupboard, flameproof
Plastic apron, sleeves, boots - if handling large quantities

Section 9 - Physical and Chemical Properties

Colour colourless

Odour characteristic

Melting Point	-117°C
Boiling Point	78°C
Solubility in Water	Miscible in all proportions
Specific Gravity	0.8
pH	7
Vapour Pressure	43mmHg, 20°C
Relative Vapour Density (Air=1)	1.59
Flash Point	13°C
Flammability	Highly flammable. Vapour/air mixture explosive.
Auto-ignition Temperature	425°C
Flammable Limits - Lower	3.3%
Flammable Limits - Upper	19%
Other Information	Log P(o / w): No data Chemical Characteristics: Alcohol

Section 10 - Stability and Reactivity

Chemical Stability	Stable.
Possibility of Hazardous Reactions	Substances to be avoided alkali metals, alkaline earth metals, oxidizing agents, halogen-halogen compounds, alkali oxides, nonmetallic halides, anhydrides/acids, ethylene oxide, fluorine, hydrides, mercury compounds, silver compounds, UF6, chromyl chloride.

Section 11 - Toxicological Information

Toxicology Information	LD50 7060 mg/kg oral, rat. No evidence of carcinogenic properties. Evidence of reproductive effects.
Ingestion	See Health Hazard Data.
Inhalation	See Health Hazard Data.
Skin	See Health Hazard Data.
Chronic Effects	See Health Hazard Data.
Delayed health effects from exposure	After ingestion: Damage to: mucous membrane. Rapid absorption. After absorption: euphoria. After a latency period: dizziness, inebriation, paralysis, cyanosis, narcosis, respiratory paralysis.

Section 12 - Ecological Information

Information on Ecological Effects	No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

Section 13 - Disposal Considerations

Waste Disposal	Chemical residues are generally classified as special waste, and as such are covered by regulations, which vary according to location. We strongly recommend that you retain the services of a licensed Waste Disposal Company to dispose of your waste. Rinse out empty containers thoroughly before disposal or recycling. The containers recommended A, B, C etc allow for the consolidation of similar types of waste prior to professional disposal. Strongly contaminated halogen-free organic solvents: container A. Small quantities of halogen-free solvents may be collected and disposed of together with halogenated solvents.

Be sure to test for the absence of peroxides using the PEREX Test« (Cat. No. 1.16206) before handing the waste material over to the waste-disposal company.

Section 14 - Transport Information

ADG UN Number	1170
ADG Proper Shipping Name	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
ADG Transport Hazard Class	3
ADG Packing Group	II
Hazchem Code	2[Y]E
EPG Number	3A1
IERG Number	14

Section 15 - Regulatory Information

Poisons Schedule	Not Scheduled
Symbol	F

Section 16 - Any Other Relevant Information

Contact Person/Point

Ace Chemical Company
119A Mooringe Avenue
Camden Park S.A. 5038
Tel: 08-8376 0844 Fax: 08-8295 8563
or Poisons Information Centre
Tel: 13 11 26
Disclaimer:
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Other Information 1010600

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