



# SAFETY DATA SHEET

## TSDA PERFUME ETHANOL

Trade Specific Denatured Alcohol | GHS / OSHA Workplace Hazard Communication Format

## TSDA PERFUME ETHANOL

**Trade Specific Denatured Alcohol (High-Grade Perfumery Solvent)**

### WARNING

**Chemical basis:** Denatured ethyl alcohol solution formulated specifically for cosmetic, fragrance, and perfumery applications, blended with approved cosmetic denaturants.

**Primary hazards:** Highly flammable liquid and vapour; causes serious eye irritation; may cause drowsiness or dizziness.

#### Document Control

|                 |                            |
|-----------------|----------------------------|
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| QC BATCH STATUS | Passed Verified Parameters |

#### Supplier / Manufacturer

**Company:** ALKEMIST | WATER AND CHEMICALS SOLUTIONS (SMC-PRIVATE) LIMITED  
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## SECTION 1: Identification of the Substance/Mixture and Company

PRODUCT NAME /  
IDENTIFIER

TSDA PERFUME ETHANOL (TRADE SPECIFIC DENATURED ALCOHOL)

PRODUCT CODE /  
INTERNAL REF.

ALK-TSDA-PE

CHEMICAL FAMILY /  
DESCRIPTION

Denatured ethanol solution containing specially denatured alcohol formula compliant with industrial fragrance and perfumery standards.

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|                      |                                                                                                                                                                                                                     |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RECOMMENDED USES     | Solvent base for manufacturing perfumes, colognes, body sprays, deodorants, and fine cosmetic fragrance formulations.                                                                                               |
| USES ADVISED AGAINST | Consumption / ingestion as beverage, unauthorized unbonded pharmaceutical manufacturing without excise licensing, and direct application to open flames or ignition sources.                                        |
| EMERGENCY OVERVIEW   | Clear, colourless volatile liquid with characteristic alcoholic and pleasant fragrance-neutral odour. Highly flammable liquid and vapour. Causes serious eye irritation. Vapours may cause drowsiness or dizziness. |

## SECTION 2: Hazard Identification

### 2.1 GHS CLASSIFICATION OF THE MIXTURE

Classification according to UN GHS Revision 8 and national workplace hazard communication standards:

| HAZARD CLASS                                     | CATEGORY    | BASIS & HAZARD STATEMENT MAPPING                                                               |
|--------------------------------------------------|-------------|------------------------------------------------------------------------------------------------|
| FLAMMABLE LIQUIDS                                | Category 2  | Highly flammable liquid and vapour (H225). Rapid vaporisation risk.                            |
| SERIOUS EYE DAMAGE / IRRITATION                  | Category 2A | Causes serious eye irritation (H319). Direct liquid or vapour contact stings eyes.             |
| SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) | Category 3  | May cause drowsiness or dizziness (H336). Inhalation of high vapour concentration affects CNS. |

### 2.2 LABEL ELEMENTS

Signal Word

GHS Hazard Pictograms

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Flame (GHS02) & Exclamation Mark (GHS07)

### 2.3 HAZARD STATEMENTS

| CODE | HAZARD STATEMENT TEXT               |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H319 | Causes serious eye irritation.      |
| H336 | May cause drowsiness or dizziness.  |

### 2.4 PRECAUTIONARY STATEMENTS

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PREVENTION | <p><b>P210: KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING.</b></p> <p><b>P233: KEEP CONTAINER TIGHTLY CLOSED.</b></p> <p><b>P240: GROUND AND BOND CONTAINER AND RECEIVING EQUIPMENT.</b></p> <p><b>P241: USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING EQUIPMENT.</b></p> <p><b>P242: USE NON-SPARKING TOOLS.</b></p> <p><b>P243: TAKE ACTION TO PREVENT STATIC DISCHARGES.</b></p> <p><b>P261: AVOID BREATHING DUST/FUME/GAS/MIST/VAPOURS/SPRAY.</b></p> <p><b>P264: WASH SKIN THOROUGHLY AFTER HANDLING.</b></p> <p><b>P271: USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.</b></p> <p><b>P280: WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.</b></p> |
| RESPONSE   | <p><b>P303+P361+P353: IF ON SKIN (or hair):</b> Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p><b>P304+P340+P312: IF INHALED:</b> Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.</p> <p><b>P305+P351+P338: IF IN EYES:</b> Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.</p> <p><b>P337+P313:</b> If eye irritation persists: Get medical advice/attention.</p> <p><b>P370+P378:</b> In case of fire: Use dry chemical, CO<sub>2</sub>, water spray (fog), or alcohol-resistant foam to extinguish.</p>                                                    |

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**STORAGE**

P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
P403+P235: Store in a well-ventilated place. Keep cool.  
P405: Store locked up.

**DISPOSAL**

P501: Dispose of contents/container to an approved hazardous waste treatment plant in accordance with local and national environmental regulations.

### 2.5 OTHER HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

Vapours may form explosive mixtures with air. Prolonged or repeated skin contact may cause defatting, dryness, and non-allergic dermatitis.

## SECTION 3: Composition / Information on Ingredients

| CHEMICAL DESCRIPTION /<br>CATEGORIZED TECHNICAL NAME | CAS NUMBER / EC<br>NUMBER                  | GHS CLASSIFICATION                          | CONCENTRATION<br>RANGE (% W/W) |
|------------------------------------------------------|--------------------------------------------|---------------------------------------------|--------------------------------|
| ETHANOL (DENATURED / TSDA<br>FORMULA)                | CAS: 64-17-5<br>EC: 200-578-6              | Flam. Liq. 2 (H225)<br>Eye Irrit. 2A (H319) | ≥ 95 - ≤ 99.9 %                |
| COSMETIC DENATURANTS &<br>MODIFIERS                  | CAS: Proprietary Blend<br>EC: Confidential | Flam. Liq. 2 (H225)<br>Skin Irrit. 2 (H315) | ≥ 0.1 - ≤ 5.0 %                |
| WATER & TRACE MOISTURE<br>CARRIER                    | CAS: 7732-18-5<br>EC: 231-791-2            | Not Classified                              | Balance to 100%                |

\*Note: Exact component percentages constitute confidential proprietary trade secrets. Detailed formulation disclosure can be provided to licensed medical or emergency personnel upon request.

## SECTION 4: First Aid Measures

### 4.1 DESCRIPTION OF NECESSARY FIRST AID MEASURES

| ROUTE OF<br>EXPOSURE | IMMEDIATE ACTION REQUIRED | FOLLOW-UP & MEDICAL ESCALATION |
|----------------------|---------------------------|--------------------------------|
|----------------------|---------------------------|--------------------------------|

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| INHALATION   | Remove victim to fresh air immediately. If not breathing, give artificial respiration. Keep patient warm and at rest.                               | Seek medical attention if dizziness, headache, or respiratory irritation persists.                      |
| SKIN CONTACT | Wash affected skin thoroughly with soap and plenty of water. Remove contaminated clothing and shoes.                                                | Seek medical attention if skin irritation or dryness persists. Wash contaminated clothing before reuse. |
| EYE CONTACT  | Immediately flush eyes gently with running water for at least 15-20 minutes, holding eyelids open. Remove contact lenses if present and easy to do. | Seek prompt medical attention if eye irritation or redness continues.                                   |
| INGESTION    | Rinse mouth thoroughly with water. Do NOT induce vomiting unless directed by medical personnel. Give 1-2 glasses of water to drink if conscious.    | <b>CALL A POISON CENTER OR PHYSICIAN IMMEDIATELY.</b> Ethanol ingestion requires clinical monitoring.   |

### 4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS (ACUTE AND DELAYED)

**Inhalation:** High vapour concentrations may cause central nervous system depression, headache, dizziness, drowsiness, and nausea.

**Skin Contact:** Prolonged contact may cause defatting, dryness, and minor skin irritation.

**Eye Contact:** Causes serious eye irritation, stinging, redness, and tearing.

**Ingestion:** May cause intoxication, nausea, vomiting, dizziness, and central nervous system depression.

### 4.4 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

**Notes to Physician:** Treat symptomatically. If large quantities have been ingested, monitor blood alcohol levels and provide supportive care.

## SECTION 5: Firefighting Measures

### 5.1 EXTINGUISHING MEDIA

**Suitable Extinguishing Media:** Alcohol-resistant foam, dry chemical powder, carbon dioxide (CO<sub>2</sub>), or water spray.

**Unsuitable Extinguishing Media:** Do not use a solid water stream directly, as it may scatter and spread the flammable liquid fire.

### 5.2 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

**Fire & Explosion Hazards:** Highly flammable liquid and vapour. Vapours are heavier than air and may travel along the ground to distant ignition sources and flash back. Closed containers may rupture violently when exposed to extreme heat or fire.

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### 5.3 HAZARDOUS COMBUSTION PRODUCTS

Thermal decomposition or combustion under fire conditions may release carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), and acrid smoke.

### 5.4 PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

Wear full protective firefighting gear and positive-pressure Self-Contained Breathing Apparatus (SCBA). Cool containers exposed to fire with water spray. Prevent runoff water from entering drains or public waterways.

## SECTION 6: Accidental Release Measures

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Evacuate non-essential personnel. Eliminate all ignition sources (no smoking, flares, sparks, or flames in area). Ensure adequate ventilation. Wear full personal protective equipment specified in Section 8 (antistatic clothing, chemical-resistant gloves, safety goggles, organic vapour respirator).

### 6.2 ENVIRONMENTAL PRECAUTIONS

Prevent spilled product from entering soil, waterways, storm drains, or sewers. Notify local environmental authorities if significant quantities enter public waterways.

### 6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

| SPILL MAGNITUDE              | RECOMMENDED CONTAINMENT & REMEDIATION PROTOCOL                                                                                                                                                                               |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SMALL SPILL (< 200 L)        | Absorb with inert non-combustible material (e.g., dry sand, earth, vermiculite). Use non-sparking tools to collect material into grounded, leak-tight metal or HDPE waste containers. Wash spill area thoroughly with water. |
| LARGE SPILL (≥ 200 L / BULK) | Dike and bund spill area using earth or sandbags. Cover drains. Pump liquid into secure explosion-proof recovery containers. Use water spray to disperse vapours if necessary. Ensure all recovery equipment is grounded.    |

## SECTION 7: Handling and Storage

### 7.1 PRECAUTIONS FOR SAFE HANDLING

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Keep away from heat, sparks, open flames, and hot surfaces. Ground and bond containers during transfer to prevent static discharge. Use explosion-proof electrical equipment. Do not breathe vapours or spray mists. Avoid contact with eyes and skin. Wash thoroughly after handling.

### 7.2 GENERAL OCCUPATIONAL HYGIENE

Do not eat, drink, or smoke in work areas. Wash hands thoroughly before eating or using restroom facilities. Remove contaminated clothing and wash before reuse.

### 7.3 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in original container in a cool, dry, well-ventilated flammable liquid storage cabinet or dedicated warehouse. Keep containers securely closed when not in use. Store away from strong oxidizing agents, acids, peroxides, and sources of ignition.

### 7.4 PACKAGING AND MATERIALS COMPATIBILITY

| MATERIAL CATEGORY                 | COMPATIBILITY ASSESSMENT & GUIDANCE                                                                |
|-----------------------------------|----------------------------------------------------------------------------------------------------|
| SUITABLE STORAGE MATERIALS        | Stainless Steel (304 / 316), Carbon Steel, High-Density Polyethylene (HDPE), and Glass containers. |
| UNSUITABLE / RESTRICTED MATERIALS | Certain natural rubbers and unlined reactive metal containers.                                     |

## SECTION 8: Exposure Controls / Personal Protection

### 8.1 OCCUPATIONAL EXPOSURE LIMITS (OELS)

| COMPONENT DESCRIPTION | CAS NO. | OSHA PEL (TWA)                       | ACGIH TLV (TWA)  | NIOSH REL (TWA)                      |
|-----------------------|---------|--------------------------------------|------------------|--------------------------------------|
| ETHANOL (DENATURED)   | 64-17-5 | 1,000 ppm (1,900 mg/m <sup>3</sup> ) | 1,000 ppm (STEL) | 1,000 ppm (1,900 mg/m <sup>3</sup> ) |

### 8.2 ENGINEERING CONTROLS

Ensure adequate local exhaust ventilation and explosion-proof general dilution ventilation to maintain airborne solvent vapours below recommended OEL thresholds. Provide emergency eyewash stations and safety shower facilities nearby.

### 8.3 INDIVIDUAL PROTECTION MEASURES (PERSONAL PROTECTIVE EQUIPMENT - PPE)

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### PROTECTION CATEGORY

### SPECIFIED PERSONAL PROTECTIVE EQUIPMENT (PPE) STANDARD

|                        |                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| EYE / FACE PROTECTION  | Wear chemical splash goggles complying with EN 166 or ANSI Z87.1 standards.                                                                      |
| HAND PROTECTION        | Wear solvent-resistant protective gloves (e.g., Nitrile, Butyl rubber, or Neoprene) complying with EN 374.                                       |
| SKIN AND BODY          | Wear antistatic work clothing, aprons, and closed-toe footwear to prevent static build-up and skin contact.                                      |
| RESPIRATORY PROTECTION | If ventilation is insufficient or vapour concentrations exceed OELs, wear an approved respirator equipped with organic vapour filter cartridges. |

## SECTION 9: Physical and Chemical Properties

**Verified Laboratory QC Testing Data:** Physical and chemical parameters reported below represent tested finished-product batch metrics for TSDA Perfume Ethanol.

| PHYSICAL PARAMETER                              | MEASURED VALUE / METRIC                               | TEST METHOD / LABORATORY TECHNICAL NOTE    |
|-------------------------------------------------|-------------------------------------------------------|--------------------------------------------|
| APPEARANCE                                      | <b>Clear, Colourless Volatile Liquid</b>              | Visual QC Inspection @ 25°C                |
| ODOUR                                           | Characteristic alcoholic / pleasant fragrance-neutral | Subjective Organoleptic Evaluation         |
| PH (NEAT / DIRECT @ 25°C)                       | <b>Neutral (Approx. 6.5 - 7.5)</b>                    | ASTM E70 Standard Test Method              |
| RELATIVE DENSITY / SPECIFIC GRAVITY (SG @ 20°C) | <b>0.785 - 0.810</b>                                  | Pycnometer / Digital Density Meter (g/cm³) |
| SOLUBILITY IN WATER                             | Complete / 100% Miscible                              | Fully soluble in aqueous media             |
| BOILING POINT / RANGE                           | Approx. 78°C (172°F)                                  | Ethanol azeotrope boiling point            |
| FREEZING / POUR POINT                           | < -114°C (< -173°F)                                   | Freezing point of pure ethanol base        |

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|---------------------------|-----------------------------------|--------------------------------|
| FLASH POINT (CLOSED CUP)  | Approx. 12°C - 14°C (53°F - 57°F) | Closed Cup Method (ASTM D56)   |
| VAPOUR PRESSURE (@ 20°C)  | Approx. 5.9 kPa (44 mmHg)         | Ethanol vapour pressure metric |
| AUTO-IGNITION TEMPERATURE | Approx. 363°C (685°F)             | Literature ignition standard   |
| DECOMPOSITION TEMPERATURE | Not Applicable                    | Stable under normal conditions |

## SECTION 10: Stability and Reactivity

### 10.1 REACTIVITY

**VAPOURS MAY FORM EXPLOSIVE MIXTURES WITH AIR. REACTS VIOLENTLY WITH STRONG OXIDIZING AGENTS.**

|                                         |                                                                                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------------------|
| 10.2 CHEMICAL STABILITY                 | Stable under normal ambient temperature and recommended storage conditions.                     |
| 10.3 POSSIBILITY OF HAZARDOUS REACTIONS | Exothermic reaction with strong oxidizing agents (e.g., nitric acid, peroxides, permanganates). |
| 10.4 CONDITIONS TO AVOID                | Heat, sparks, open flames, static electrical discharge, and direct sunlight.                    |
| 10.5 INCOMPATIBLE MATERIALS             | Strong oxidizing agents, strong acids, alkali metals, and acid anhydrides.                      |
| 10.6 HAZARDOUS DECOMPOSITION PRODUCTS   | Thermal decomposition may produce carbon monoxide, carbon dioxide, and acrid organic vapours.   |

## SECTION 11: Toxicological Information

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

|                        |                    |                                           |
|------------------------|--------------------|-------------------------------------------|
| TOXICOLOGICAL ENDPOINT | MIXTURE ASSESSMENT | DETAILED EXPERIMENTAL & CLINICAL FINDINGS |
|------------------------|--------------------|-------------------------------------------|

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|                                 |                                          |                                                                                                                                                                                |
|---------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACUTE ORAL TOXICITY             | Not Classified (Oral LD50 > 5,000 mg/kg) | Low acute oral toxicity. Ingestion may cause central nervous system depression and intoxication.                                                                               |
| ACUTE DERMAL TOXICITY           | Not Classified (LD50 > 2,000 mg/kg)      | Low dermal toxicity. Prolonged contact may cause skin dryness and defatting.                                                                                                   |
| SKIN CORROSION / IRRITATION     | Not Classified (Mild Irritant)           | Prolonged or repeated contact can cause skin defatting and mild irritation.                                                                                                    |
| SERIOUS EYE DAMAGE / IRRITATION | <b>Category 2A (Irritant)</b>            | Causes serious eye irritation, burning sensation, and redness upon direct contact.                                                                                             |
| RESPIRATORY SENSITIZATION       | Not Classified                           | Inhalation of high vapour concentrations may cause respiratory tract irritation and CNS effects.                                                                               |
| CARCINOGENICITY                 | Not Classified                           | Ethanol in alcoholic beverages is listed by IARC, but industrial cosmetic denatured alcohol is not classified as a carcinogen under standard occupational exposure frameworks. |

## SECTION 12: Ecological Information

### 12.1 ECOTOXICITY ASSESSMENT

Product is readily biodegradable and has low aquatic toxicity under standard environmental conditions.

### 12.2 PERSISTENCE AND DEGRADABILITY

Readily biodegradable in aquatic and soil environments (biodegradation > 70% within 10 days).

### 12.3 BIOACCUMULATIVE POTENTIAL

Low potential for bioaccumulation (Log Pow: -0.31 for ethanol base).

### 12.4 MOBILITY IN SOIL

High mobility in soil due to complete water solubility.

## SECTION 13: Disposal Considerations

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### 13.1 WASTE TREATMENT METHODS

**Product Waste:** Do not dispose of waste into sewer systems, watercourses, or soil. Dispose of via an authorized hazardous waste management contractor in compliance with local environmental regulations.

**Contaminated Packaging:** Empty containers retain flammable vapours and product residues. Allow containers to vent in a safe outdoor area away from ignition sources before recycling or disposing of as hazardous packaging.

## SECTION 14: Transport Information

**Transport Regulatory Status:** Regulated as a flammable liquid for transport across road, rail, sea, and air modalities.

| TRANSPORT MODAL      | UN NUMBER | PROPER SHIPPING NAME                                     | HAZARD CLASS | PACKING GROUP                    |
|----------------------|-----------|----------------------------------------------------------|--------------|----------------------------------|
| US DOT / ADR (LAND)  | UN 1170   | ETHANOL SOLUTION (Denatured Ethanol / Perfumery Solvent) | Class 3      | Packing Group II                 |
| IMDG (SEA TRANSPORT) | UN 1170   | ETHANOL SOLUTION (Denatured Ethanol / Perfumery Solvent) | Class 3      | Packing Group II / EmS: F-E, S-D |
| IATA / ICAO (AIR)    | UN 1170   | Ethanol Solution (Denatured Ethanol / Perfumery Solvent) | Class 3      | Packing Group II                 |

## SECTION 15: Regulatory Information

### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT

| REGULATORY JURISDICTION         | REGULATORY FRAMEWORK STATUS & COMPLIANCE SUMMARY                                                      |
|---------------------------------|-------------------------------------------------------------------------------------------------------|
| NATIONAL REGULATIONS (PAKISTAN) | Complies with local industrial chemical handling, excise denaturing standards, and safety guidelines. |
| OSHA HAZARD COMMUNICATION       | Classified as hazardous under 29 CFR 1910.1200 (Flammable liquid, Eye irritation).                    |

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**TSCA INVENTORY**

All chemical components are listed on or exempt from the TSCA Chemical Substance Inventory.

## SECTION 16: Other Information

### 16.1 HAZARD RATING SYSTEMS (NFPA 704 & HMIS)

**NFPA 704 Rating**

**Health:** 2 (Moderate)  
**Flammability:** 3 (Serious / Flammable)  
**Instability:** 0 (Minimal)  
**Special:** None

**HMIS Rating**

**Health:** 2 (Moderate)  
**Flammability:** 3 (Serious)  
**Physical Hazard:** 0 (Minimal)  
**Personal Protection:** H (Goggles + Gloves + Apron + Vapor Respirator)

### 16.2 KEY ABBREVIATIONS & ACRONYMS

|      |                                         |      |                                               |
|------|-----------------------------------------|------|-----------------------------------------------|
| CAS  | CHEMICAL ABSTRACTS SERVICE              | OSHA | OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION |
| GHS  | Globally Harmonized System              | PEL  | Permissible Exposure Limit                    |
| IATA | International Air Transport Association | TLV  | Threshold Limit Value                         |

### 16.3 REVISION HISTORY & DOCUMENT METADATA

| VERSION | RELEASE DATE   | PRIMARY CHANGE DESCRIPTION                                                                                                                                        |
|---------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.0     | 19 August 2026 | Initial official issue of GHS Safety Data Sheet for TSDA Perfume Ethanol manufactured by ALKEMIST Water and Chemicals Solutions (SMC-Private) Limited, Hafizabad. |

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### 16.4 DISCLAIMER & LIABILITY LIMITATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. ALKEMIST Water and Chemicals Solutions (SMC-Private) Limited assumes no legal responsibility for use or reliance upon these data.

\*\*\* END OF SAFETY DATA SHEET - TSDA PERFUME ETHANOL \*\*\*

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