



# SAFETY DATA SHEET

## SECTION 1 — IDENTIFICATION

**Product identifier:** AlbaChem® Surface Alcohol Spray

**Product Number:** 777

**Product use:** Cleaner

**Manufacturer's name and address:** Refer to supplier

**Supplier name and address:**

***ALBATROSS USA INC./EXPERT WORLDWIDE***

36-41 36<sup>th</sup> Street

Long Island City, New York

United States

11106

718-392-6272

Emergency: New Zealand: 0800 POISON (0800 764 766)

Supplier Details

Hitec-Ink

Unit 4 / 231 Annex Road

Middleton 8025

Ph 03 6660100

5439 San Fernando Road West

Los Angeles, California

United States

90039

818-543-5850

**Emergency Telephone #:** Spill, leak, fire, exposure or accident – Call CHEMTREC – Day or Night  
1-800-434-9300 or 1-703-527-3887 (USA & Canada)  
01-800-681-9531 (Mexico)

This Safety Data Sheet conforms to the requirements of ANSI Z400.5, and to the format requirements of the Global Harmonizing System. This SDS complies with 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD).

IMPORTANT: Read this SDS before handling and disposing of this product. Pass this information on to employees, customers, and users of this product.

## SECTION 2 — HAZARDS IDENTIFICATION

**DANGER !!**



### 2.1 HAZARD STATEMENTS:

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.

### 2.2 PRECAUTIONARY STATEMENTS:

P210 Keep away from heat/sparks/open flames/hot surfaces -- No Smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.  
P242 Use only non-sparking tools  
P243 Take precautionary measures against static discharge.  
P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P302+350 IF ON SKIN: Gently wash with soap & water.

**RESPONSE:**

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/ Shower

P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction.

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:**

P403 + P235 Store in a well-ventilated place. Keep cool.

**DISPOSAL:**

P501 Dispose of contents/ container to an approved waste disposal plant.

### SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS#	WT %
Ethanol	64-17-5	72.4
Water	7732-18-5	20.0
Propyl Acetate	109-60-4	4.0
2-Propanol	67-63-0	3.6

See Section 8 for Exposure Guidelines and Section 15 for Regulatory Classifications.

### SECTION 4 — FIRST AID MEASURES

- Eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- Skin contact:** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. When symptoms persist or in all cases of doubt seek medical advice. Wash contaminated clothes before re-use.
- Inhalation:** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician immediately.
- Ingestion:** If swallowed, call a poison control centre or doctor immediately. Do not induce vomiting with medical advice. Never give anything by mouth to an unconscious person.

### SECTION 5 — FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES:**

**Fire/explosion:** Flash back possible over considerable distance. NFPA Class 1B flammable liquid.

**Suitable extinguishing media:** Water spray, Alcohol-resistant foam, Dry chemical, Carbon dioxide (CO2)

**Protective equipment and precautions for firefighters:** Wear self-contained breathing apparatus and protective suit. Keep containers and surroundings cool with water spray.

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

**Methods and material for containment and cleaning up:**

Evacuate personnel to safe areas. Remove all sources of ignition. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/ national regulations (see section 13). Do not flush into surface water or sanitary sewer system.

**Spill precautions:**

Material can create slippery conditions.

## SECTION 7 — HANDLING AND STORAGE

<b>Safe handling advice:</b>	Ensure all equipment is electrically grounded before beginning transfer operations. Keep away from heat and sources of ignition.
<b>Storage / Transport pressure:</b>	Ambient
<b>Load/Unload temperature:</b>	Ambient

## SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING MEASURE:** Ensure adequate ventilation, especially in confined areas.

### PERSONAL PROTECTIVE EQUIPMENT:

- Eyes:** Wear as appropriate: Goggles, Face-shield
- Skin:** Wear suitable protective clothing, gloves and eye/face protection.
- Inhalation:** Respiratory protection is normally not required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. Use NIOSH approved respiratory protection.

### EXPOSURE GUIDELINES:

<u>Components</u>	<u>Exposure limit(s)</u>		
<b>Ethanol</b>	ACGIH STEL	1,000 ppm	
	OSHA PEL	1,000 ppm	1,900 mg/m3
<b>Propyl Acetate</b>	OSHA PEL	200 ppm	840 mg/m3
	ACGIH TLV (8-hour)	200 ppm	
	ACGIH STEL	250 ppm	
<b>2-Propanol</b>	OSHA PEL	400 ppm	980 mg/m3
	ACGIH TLVE (8-hour)	200 ppm	
	ACGIH STEL	400 ppm	

TLV= Threshold Limit Value  
EL= Excursion Limit

STEL= Short Term Exposure Limit (15 min.)  
WEEL= Workplace Environmental Exposure Level

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Clear
Form:	Liquid
Odour:	Alcohol-like
Odour Threshold:	No data available
Flash point:	13°C, 55.4°F
Flammability:	Upper explosion limit: 20.0 % (V) Lower explosion limit: 4.0% (V)
Boiling point / boiling range:	74 - 80°C, 165.2 - 176°F
Melting point/range:	-114°C, -173°F; Ethanol
Auto-ignition temperature:	ca. 400°C, 752°F; ASTM D 2155
Decomposition temperature:	no data available
Flammability (solid, gas)	no data available
Vapour pressure	ca. 66.661 hPa @ 15.5°C, 60°F
Vapour density:	no data available
Density:	0.80 g/cm3 @ 15.5°C, 60°F
Specific gravity:	no data available
Water solubility:	Completely soluble
Viscosity:	no data available

pH	no data available
Evaporation rate:	no data available
Partition coefficient: n-octanal/water	no data available

## SECTION 10— STABILITY & REACTIVITY

<b>Reactivity:</b>	Stable at normal ambient temperature and pressure.
<b>Chemical stability:</b>	No decomposition if stored and applied as direct.
<b>Conditions to avoid:</b>	Keep away from heat and sources of ignition.
<b>Hazardous decomposition products:</b>	Combustion products include carbon dioxide, carbon monoxide and possibly other unidentified organic compounds.
<b>Materials to avoid:</b>	Can react with strong oxidizers, inorganic acids, and halogens.
<b>Hazardous polymerisation:</b>	None

## SECTION 11 — TOXICOLOGICAL INFORMATION

<b>Acute dermal toxicity:</b>	LD50 rabbit: > 2,000 mg/kg: OECD Test Guideline 402 Test substance: Ethanol; (literature value)  LD50 rabbit: > 2,000 mg/kg Test substance: Isopropanol; (literature value)  LD50 rat: > 2,000 mg/kg Test substance: Propyl Acetate (literature value)
<b>Acute inhalation toxicity:</b>	LC50 mouse (4 hours): > 20 mg/l Test substance: Ethanol; (literature value)  LC50 rat (8 hours): > 20 mg/l Test substance: Isopropanol; (literature value)
<b>Acute oral toxicity:</b>	LD50 rat: 2,000 mg/kg: OECD Test Guideline 401 Test substance: Ethanol; (literature value)  LD50 rat: > 2,000 mg/kg Test substance: Isopropanol; (literature value)  LD50 rat: > 2,000 mg/kg Test substance: Propyl Acetate (literature value)
<b>Skin corrosion/irritation:</b>	(rabbit): OECD Test Guideline 404 Test substance: Ethanol Not irritating, (literature value)  (rabbit) Test substance: Isopropanol Not irritating, (literature value)  (rabbit): Test substance: Propyl Acetate Slight irritation, (literature value)
<b>Eye damage/irritation</b>	(rabbit): OECD Test Guideline 405 Test substance: Ethanol Irritating, (literature value)  (rabbit) Test substance: Isopropanol Irritating, (literature value)  (rabbit) Test substance: Propyl Acetate

	Irritating, (literature value)
<b>Respiratory or skin sensitization:</b>	guinea pig; not sensitizing: Maximisation Test Ethanol, (literature value)  Guinea pig; not sensitizing; Buehler Test Isopropanol, (literature value)
<b>Germ cell mutagenicity:</b>	<b>Genotoxicity in vitro:</b> Type: Ames test; OECD Test Guideline 471 System: Salmonella Typhimurium; with and without metabolic activation Result: In vitro tests did not show mutagenic effects. Test substance: Ethanol (literature value) Type: Ames test System: Salmonella typhimurium; with and without metabolic activation Result: In vitro tests did not show mutagenic effects. Test substance: Isopropanol (literature value)  <b>Genotoxicity in vivo:</b> no data available.  <b>Assessment Mutagenicity:</b> Based on available data, the classification criteria are not met.
<b>Reproductive toxicity:</b>	<b>Reproductive Toxicity:</b> no data available.  <b>Assessment Reproductive toxicity:</b> no data available.  <b>Teratogenicity:</b> no data available.  <b>Assessment teratogenicity:</b> no data available.
<b>STOT – single exposure:</b>	The substance or mixture is not classified as specific target organ toxicant, single exposure.
<b>STOT – repeated exposure:</b>	rat: Oral; 90 day, NOAEL: 1,730 mg/kg LOAEL: 3,160 mg/kg Test substance: Ethanol Based on available data, the classification criteria are not met.  rat; Oral; 90-day; NOAEL: 1,730 mg/kg LOAEL: 3,160 mg/kg Test substance: Isopropanol Based on available data, the classification criteria are not met.
<b>Aspiration toxicity:</b>	no data available.
<b>Carcinogenicity:</b>	<b>Assessment carcinogenicity:</b> Contains no ingredient listed as a carcinogen.

## SECTION 12 — ECOLOGICAL INFORMATION

<b>Toxicity to fish:</b>	LC50 (Pimephales promelas (fathead minnow) 96 hours: > 100 mg/l; flow-through test Test substance: Ethanol (literature value)  LC50 (Pimephales promelas (fathead minnow) 96 hours: > 100 mg/l; flow-through test Test substance: Isopropanol (literature value)  LC50 (Pimephales promelas (fathead minnow) 96 hours: >10 - 100 mg/l; static test Test substance: Propyl Acetate (literature value)
<b>Toxicity to aquatic invertebrates:</b>	EC50 (Ceriodaphnia Dubia (water flea) 48 hours: > 100 mg/l; static test Test substance Ethanol (literature value)  EC50 (Daphnia magna (Water flea)) 24 hours: > 100 mg/l; static test Test substance: Isopropanol (literature value)  EC50 (Daphnia magna (water flea)) 48 hours: > 10 - 100 mg/l; static test Test substance Propyl Acetate (literature value)

<b>Toxicity to algae:</b>	EC50 (Chlorella vulgaris) 72 hours: > 100 mg/l; static test; OECD Test Guideline 201 Test substance Ethanol (literature value) EC50 (Scenedesmus quadricauda (Green algae)) 7 d: > 100 mg/l; static test Test substance (Isopropanol) literature value EC50 (Pseudokirchneriella subcapitata (green algae)) 72 hours: > 100 mg/l; static test Test substance: Propyl Acetate (literature value)
<b>Chronic toxicity to aquatic invertebrates:</b>	NOEC (Ceriodaphnia Dubia (water flea)) 10 d: 9.6 mg/l; semi-static test Test substance Ethanol (literature value)
<b>Biodegradation:</b>	Readily biodegradable. OECD Test Guideline 301B (28 d): > 60% Test substance: Ethanol (literature value) BOD5 (5 d): 53% Test substance: Isopropanol (literature value) OECD Test Guideline 301D (20d): > 60% Test substance: Propyl Acetate (literature value)
<b>Bioaccumulation:</b>	Test substance: Ethanol No bioaccumulation is to be expected (log Pow <= 4). Test substance: Isopropanol No bioaccumulation is to be expected (log Pow <= 4).
<b>Mobility in soil:</b>	no data available.
<b>Other adverse effects:</b>	no data available.

## SECTION 13 — DISPOSAL CONSIDERATIONS

<b>Waste Code:</b>	D001 – Ignitability (RQ100 LB). This product has the RCRA characteristic of Ignitability. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses transformations, mixtures, contamination, and spillage may change the classification.
<b>Disposal methods:</b>	Dispose of only in accordance with local, state, and federal regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil.

## SECTION 14— TRANSPORTATION INFORMATION

### LAND TRANSPORT (US DOT):

<b>DOT Proper Shipping Name:</b>	Flammable liquid, n.o.s. Limited Quantity*.
<b>DOT</b>	UN 1170, Ethanol solutions, 3, II
<b>IATA</b>	UN 1170, Ethanol solutions, 3, II
<b>IMDG</b>	UN 1170, Ethanol solutions, 3, II

**\*Limited Quantity Exemption:** This product, as packaged in 20 oz. containers, meets the exemption requirements of section 173.150 (49 CFR 173) as a limited quantity for ground shipments within the United States. Limited quantities require the limited quantity diamond mark on all outer cartons.

**AIR TRANSPORT:** We do NOT recommend this product to be shipped via air. It would need to be repacked by an authorized packing company and the DG would have to be completed by a licensed hazardous material shipping company.

## SECTION 15 — REGULATORY INFORMATION

### **U.S. FEDERAL REGULATIONS**

#### **OSHA Hazard (HCS 1994)**

Flammable liquid, Eye irritation, Skin irritation

#### **TSCA Inventory Listing**

<b><u>Components</u></b>	<b><u>CAS-No.</u></b>
Ethanol	64-17-5
Acetic acid, propyl ester	109-60-4
2-Propanol	67-63-0

#### **SARA 302 Status**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### **SARA 311/312 Classification**

“Fire hazard”. Immediate (acute) health hazard”

#### **SARA 313 Chemical**

<b><u>Components</u></b>	<b><u>CAS-No.</u></b>	<b><u>Weight percent</u></b>
2-Propanol	67-63-0	3.6%

**US. EPA CERCLA Hazardous Substances (40 CFR 302):** None

### **INTERNATIONAL REGULATIONS:**

#### **WHMIS Classification**

Class B, Division 2: Flammable liquid

Class D, Division 2, Subdivision B: Toxic material.

#### **European Union:**

Classification according to Regulation (EU) 1272/2008.

Flammable liquids, Category 2

Eye irritation, Category 2

<b>Australia. Inventory of Chemical Substances (AICS)</b>	Listed
<b>Japan. Inventory of Existing and New Chemical Substances (ENCS)</b>	Listed
<b>Japan. Industrial Safety &amp; Health Law (ISHL) Inventory</b>	Listed
<b>Canada. Domestic Substances List (DSL) Inventory</b>	Listed
<b>Canadian Non-Domestic Substance Listing (NDSL)</b>	Not listed
<b>European Inventory of Existing Commercial Chemical Substances (EINECS) Listing</b>	Listed
<b>Philippines, Inventory of Chemicals / Chemical Substances (PICCS)</b>	Listed
<b>Korea. Existing Chemical Inventory (KECI)</b>	Listed
<b>China. Inventory of Existing Chemical Substances (IECSC)</b>	Listed
<b>Mexico. National Inventory of Chemical Substances (INSQ)</b>	Listed
<b>New Zealand. Inventory of Chemicals (NZIoC)</b>	Listed
<b>Switzerland. Inventory of Notified New Substances (CHINV)</b>	Listed
<b>Taiwan. National Existing Chemical Inventory (NECI)</b>	Listed

Please note: The names and CAS numbers which are used for this product in the stated inventories may deviate from the information which is listed in Section 3.

### **STATE REGULATIONS:**

California Prop. 65: None

## SECTION 16 — OTHER INFORMATION

**16.1 HAZARD RATINGS:****HEALTH (NFPA): 2, HEALTH (HMIS): 2, FLAMMABILITY: 3, PHYSICAL HAZARD: 0**

(Personal Protection Rating to be supplied by user based on use conditions.) This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

**16.2 EMPLOYEE TRAINING:**

See Section 2 (Hazards Identification). Employees should be made aware of all hazards of this material (as Stated in this SDS) before handling it.

**Prepared for:** Albatross USA Inc.

**Telephone number:** 718-392-6272

**Preparation date:** 04/14/2023

**NOTICE:**

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process. Unless updated, this Material Safety Data Sheet is valid until 04/14/2023.