

SAFETY DATA SHEET

SDA 3-C 200 Proof Ethanol

SECTION 1. IDENTIFICATION

Product identifier	SDA 3-C 200 Proof Ethanol
Other identifiers	Specially Denatured Alcohol Formula 3-C; SDA 3-C; ethanol denatured with isopropyl alcohol
Recommended use	Industrial solvent and ingredient where legally permitted. Refer to the product specification.
Restrictions on use	Not for beverage, food, drug, household or human consumption. Subject to federal alcohol and denaturant requirements.
Distributor / responsible party	Solvents USA 9436 W Lake Mead Blvd., Suite 5-1216 Las Vegas, NV 89134, USA
Business telephone	708-280-1184
24-hour emergency telephone	CHEMTREC: 800-424-9300 (United States/Canada)

SECTION 2. HAZARD(S) IDENTIFICATION

OSHA HCS classification	Flammable liquid - Category 2 Serious eye irritation - Category 2A
Signal word	DANGER
Hazard statements	H225 Highly flammable liquid and vapor. H319 Causes serious eye irritation.
Other hazards	Prolonged or repeated skin contact may cause dryness or cracking.



FLAME



EXCLAMATION

Prevention	Keep away from heat, sparks, flames and hot surfaces. No smoking. Keep tightly closed. Ground and bond containers and transfer equipment. Use explosion-proof equipment and non-sparking tools. Prevent static discharge. Wash thoroughly after handling. Wear protective gloves, clothing and eye/face protection.
Response	IF ON SKIN (or hair): Remove contaminated clothing and rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes; remove contacts if easy and continue rinsing. If irritation persists, obtain medical attention. In case of fire use alcohol-resistant foam, dry chemical, carbon dioxide or water spray.
Storage	Store in a cool, well-ventilated place. Keep tightly closed.
Disposal	Dispose under applicable federal, state and local requirements.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ethyl alcohol	95.22% CAS 64-17-5
Isopropyl alcohol	4.78% CAS 67-63-0; also called propan-2-ol or IPA
Important	This SDA 3-C formulation is not interchangeable with SDA 3-A or SDA 40-B. Confirm the formula and COA for each shipment.

SECTION 4. FIRST-AID MEASURES

Inhalation	Move to fresh air. If not breathing, give artificial respiration by trained personnel. Obtain medical advice if symptoms occur or persist.
Skin contact	Remove contaminated clothing and rinse skin with water. Wash clothing before reuse. Obtain medical attention if irritation persists.
Eye contact	Rinse cautiously with water for at least 15 minutes. Remove contacts if easy and continue rinsing. Obtain medical attention if irritation persists.
Ingestion	Do not induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Seek immediate medical advice. If vomiting occurs, keep head below hips to reduce aspiration risk.
Symptoms/effects	Eye, nose and throat irritation; headache, dizziness, drowsiness, impaired concentration and CNS depression at high exposure. Repeated skin contact may cause defatting and dermatitis.
Medical treatment	Treat symptomatically and supportively. There is no specific antidote.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable media	Alcohol-resistant foam, dry chemical, carbon dioxide, water spray or fog.
Unsuitable media	Do not use a direct solid water stream.
Specific hazards	Highly flammable. Vapor may form explosive mixtures, travel and flash back. Flame may be difficult to see. Closed vessels can rupture or BLEVE when heated.
Firefighter protection	Wear positive-pressure SCBA and full protective clothing. Cool exposed containers from a protected position. Withdraw if safety devices vent or tanks discolor.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Evacuate unnecessary personnel. Eliminate ignition sources. Ventilate. Approach from upwind. Avoid breathing vapor. Use grounded, non-sparking equipment and Section 8 protection.
Environmental precautions	Prevent entry into drains, waterways, basements and confined spaces. Notify authorities when required.
Containment/cleanup	Stop leak if safe. Dike large spills. Vapor-suppressing foam may be used. Absorb with dry earth, sand or other noncombustible material and place in closed, labeled containers.

SECTION 7. HANDLING AND STORAGE

Safe handling	Use adequate ventilation. Ground and bond containers, tanks, piping and transfer equipment. Avoid splash filling and static accumulation. Do not pressurize empty containers. Isolate, drain, wash and purge before maintenance.
Storage	Store cool, dry and well ventilated, away from oxidizers, strong mineral acids, heat and sunlight. Keep tightly closed and upright. Store drums bung-up. Protect drums and totes from damage.
Tanker/cargo tank transfer	Only trained personnel may load or unload. Verify product, capacity, hoses, valves and connections. Bond and ground, set brakes, chock wheels, attend continuously and prevent overfill.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ethanol	OSHA PEL and NIOSH REL: 1,000 ppm TWA. ACGIH STEL: 1,000 ppm.
Isopropyl alcohol	OSHA PEL: 400 ppm TWA. NIOSH: 400 ppm TWA and 500 ppm STEL. ACGIH: 200 ppm TWA and 400 ppm STEL. BEL: acetone in urine, 40 mg/L, end of shift/end of workweek; consult current documentation.
Engineering controls	Use process enclosure and explosion-proof local exhaust to maintain exposures below applicable limits. Provide eyewash and safety shower.
Eye/face	Safety glasses with side shields; chemical splash goggles and face shield where splashing is possible.
Hands/skin	Chemical-resistant gloves and clothing selected using manufacturer permeation data. Source suggests butyl rubber or fluoroelastomer; verify suitability for conditions.
Respiratory	Use a NIOSH-approved organic-vapor respirator under a compliant program when controls are insufficient; use supplied air or positive-pressure SCBA for high, unknown or IDLH concentrations.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state / color	Colorless liquid; invisible vapor
Odor / threshold	Sweet, alcohol-like; threshold not determined
Melting/freezing point	No mixture data available
Boiling range	No mixture data available
Flammability	Highly flammable liquid and vapor
Flammability limits	Lower 3.3 vol%; upper 19 vol% (source mixture values)
Flash point	Source reports 'not applicable'; verify by closed-cup testing/specification before release
Auto-ignition	Not determined
Decomposition temperature	Not determined
pH	Not determined / not applicable
Kinematic viscosity	Not determined
Water solubility	Soluble
Partition coefficient	Not determined
Vapor pressure	No mixture data available
Evaporation rate	Not determined
Density / specific gravity	Not determined
Relative vapor density	Not determined

SECTION 10. STABILITY AND REACTIVITY

Reactivity	No known reactivity hazards under normal conditions.
Stability	Stable under normal conditions.
Hazardous reactions	No dangerous reactions known; hazardous polymerization is not expected.
Conditions to avoid	Heat, flames, sparks, static discharge and incompatible materials.
Incompatible materials	Strong oxidizers, strong mineral acids and aluminum at elevated temperatures; source also identifies material-compatibility concerns for natural rubber, PVC, some acrylics, polyamides, zinc and brass.
Decomposition products	Smoke, carbon monoxide, carbon dioxide and incomplete-combustion products.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes	Inhalation, ingestion, skin and eye contact.
Acute effects	Causes serious eye irritation. High vapor concentrations may irritate the respiratory tract and cause headache, dizziness, drowsiness and CNS depression.
Skin	Prolonged or repeated contact may cause defatting, dryness, cracking or dermatitis.
Acute toxicity	Mixture is not classified for acute toxicity based on source information.
Sensitization/mutagenicity	Not classified based on source information.
Carcinogenicity	Mixture not classified for industrial exposure based on source information. Source notes IARC classifications for ethanol and isopropyl alcohol; alcoholic beverage consumption is not equivalent to occupational product exposure.
Reproductive toxicity	Not classified based on source mixture information.
STOT	Finished mixture not classified by source. Isopropyl alcohol may cause drowsiness or dizziness at sufficient exposure.
Aspiration hazard	Not classified based on source information.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	Not classified as hazardous to the aquatic environment based on available mixture information.
Persistence/degradability	Readily biodegradable.
Bioaccumulation	Low potential, based primarily on ethanol.
Mobility	Water soluble; adsorption to soil is not expected.
PBT/vPvB	Components do not meet the source criteria for PBT or vPvB.

SECTION 13. DISPOSAL CONSIDERATIONS

Recover or recycle where feasible. Dispose through an authorized contractor. Unused product may exhibit RCRA ignitability (D001); the generator must make the final determination. Empty drums, totes and cargo tanks may retain flammable vapor; do not cut, weld, drill, grind, pressurize or reuse unless properly cleaned and gas-freed.

SECTION 14. TRANSPORT INFORMATION

U.S. DOT	UN1170, Ethyl alcohol solution, 3, PG II.
IATA/ICAO	UN1170, Ethyl alcohol solution, 3, PG II. Current packing instructions and quantity limits apply.
IMDG	UN1170, ETHYL ALCOHOL SOLUTION, 3, PG II; marine pollutant: No; EmS F-E, S-D; stowage category A.
Packaging precautions	Drums, totes/IBCs and highway cargo tanks must be authorized, compatible, closed, marked, labeled/placarded and documented under current modal requirements.

SECTION 15. REGULATORY INFORMATION

OSHA HCS	Hazardous chemical under 29 CFR 1910.1200.
EPCRA 311/312	Flammable and serious eye irritation hazard categories.
EPCRA 313	No listed ingredient reported above an applicable de minimis concentration in the source SDS.
Clean Air Act	Source reports no listed hazardous air pollutants.
TSCA	Reported ingredients are listed on the TSCA Inventory.
Alcohol regulation	SDA 3-C is specially denatured alcohol. Distribution and use may be subject to Alcohol and Tobacco Tax and Trade Bureau requirements and permit restrictions.
California Proposition 65	Source reports ethanol as a developmental toxicant listing. Applicability depends on exposure route and product use; obtain qualified California warning review before release.

SECTION 16. OTHER INFORMATION

Preparation date	July 24, 2026
Revision	1.0 - Initial updated Solvents USA issue
Primary source	Source SDS reviewed October 1, 2025
NFPA/HMIS	Assign using the current verified formulation, flash-point data and site assessment

Distributor statement: Solvents USA distributes this product by direct shipment and does not manufacture, blend, handle or warehouse it.

Information is intended for hazard communication and is not a specification or warranty. The source's missing mixture flash point and its Proposition 65 treatment should be resolved through qualified regulatory review before commercial release.

END OF SAFETY DATA SHEET