



Allied Pressroom Products
Chemicals for the International Printing Industry

SAFETY DATA SHEET

Pressline Isopropyl Alcohol 99% Pure (USA)

1. Identification

Product identifier

Product name Pressline Isopropyl Alcohol 99% Pure (USA)

Recommended use of the chemical and restrictions on use

Application Alcohol for lithographic printing

Uses advised against No specific uses advised against are identified.

Details of the supplier of the safety data sheet

Supplier ALLIED PRESSROOM PRODUCTS
2040 Lee Street
Hollywood
FL 33020
USA
+1 800-327-8487 (09:00-17:00 EST)
+1 954-923-6462
info@alliedchem.com

Manufacturer Same as supplier

Emergency telephone number

Emergency telephone 24 HR. EMERGENCY TELEPHONE 800-424-9300 CHEMTREC Allied Pressroom Products
+1 800-327-8487 (09:00-17:00 EST)

National emergency telephone number 911

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Flam. Liq. 2 - H225
Health hazards Eye Irrit. 2A - H319 STOT SE 3 - H336
Environmental hazards Not Classified

Human health Irritating to eyes. Drowsiness, dizziness, disorientation, vertigo.

Physicochemical The product is highly flammable. Vapors may form explosive mixtures with air.

Label elements

Pictogram



Signal word Danger

Pressline Isopropyl Alcohol 99% Pure (USA)

Hazard statements	H225 Highly flammable liquid and vapor. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Precautionary statements	P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P261 Avoid breathing vapor/spray. P264 Wash contaminated skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P233 Keep container tightly closed.
Contains	PROPAN-2-OL

Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

PROPAN-2-OL	60-100%
CAS number: 67-63-0	
Classification	
Flam. Liq. 2 - H225	
Eye Irrit. 2A - H319	
STOT SE 3 - H336	

The Full Text for all Hazard Statements are Displayed in Section 16.

4. First-aid measures

Description of first aid measures

General information	Keep affected person away from heat, sparks and flames.
Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.
Skin Contact	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Most important symptoms and effects, both acute and delayed

Inhalation	Vapours may cause drowsiness and dizziness.
Ingestion	May cause discomfort if swallowed.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Causes serious eye irritation.

Indication of immediate medical attention and special treatment needed

Specific treatments	Treat symptomatically.
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5. Fire-fighting measures

Pressline Isopropyl Alcohol 99% Pure (USA)

Extinguishing media

Suitable extinguishing media Extinguish with the following media: Carbon dioxide (CO₂). Alcohol-resistant foam. Dry chemicals, sand, dolomite etc.

Unsuitable extinguishing media Do not use water, if avoidable.

Special hazards arising from the substance or mixture

Specific hazards The product is highly flammable.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Oxides of carbon.

Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapors. Containers close to fire should be removed or cooled with water. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Avoid contact with skin or inhalation of spillage, dust or vapour. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.

Reference to other sections For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Avoid inhalation of vapors. Provide adequate ventilation. Mechanical ventilation or local exhaust ventilation may be required. Use approved respirator if air contamination is above an acceptable level. Storage tanks and other containers must be grounded. In use may form flammable/explosive vapour-air mixture. Use explosion-proof electrical, ventilating and lighting equipment. Contents may develop pressure upon prolonged storage.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from oxidizing materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Ground container and transfer equipment to eliminate sparks from static electricity.

Storage class Flammable liquid storage.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

Pressline Isopropyl Alcohol 99% Pure (USA)

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): OSHA 400 ppm 980 mg/m³

Long-term exposure limit (8-hour TWA): ACGIH 200 ppm 492 mg/m³

Short-term exposure limit (15-minute): ACGIH 400 ppm 984 mg/m³

A4

OSHA = Occupational Safety and Health Administration.

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

Ingredient comments WEL = Workplace Exposure Limits

PROPAN-2-OL (CAS: 67-63-0)

DNEL	Industry - Dermal; Long term systemic effects: 888 mg/kg/day Industry - Inhalation; Long term systemic effects: 500 mg/m ³
PNEC	- Fresh water; 140.9 mg/l - Marine water; 140.9 mg/l - Sediment (Freshwater); 552 mg/kg - Sediment (Marinewater); 552 mg/kg - Soil; 28 mg/kg - STP; 2251 mg/l
Immediate danger to life and health	2000 ppm

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Wear protective gloves made of the following material: Polyvinyl alcohol (PVA). Viton rubber (fluoro rubber). Nitrile rubber.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapor contact.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Do not smoke in work area.

Respiratory protection

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance Clear liquid.

Color Colorless.

Pressline Isopropyl Alcohol 99% Pure (USA)

Odor	Alcoholic.
Odor threshold	200 ppm
pH	Not applicable.
Melting point	Not applicable.
Initial boiling point and range	82°C @ 760 mm Hg 180°F @ 760 mm Hg
Flash point	53°F TCC (Tag closed cup).
Evaporation rate	1.2 (butyl acetate = 1)
Upper/lower flammability or explosive limits	Upper flammable/explosive limit: 12.7 %, V Lower flammable/explosive limit: 2 %, V
Vapour pressure	32 mm Hg @ 20°C
Vapour density	2
Relative density	0.79 @ 20°C
Bulk density	Not applicable.
Solubility(ies)	Soluble in water.
Partition coefficient	log Pow: 0.05
Auto-ignition temperature	399°C
Decomposition Temperature	No information available.
Viscosity	2.4 mPa s @ 20°C
Oxidising properties	Not applicable.
Comments	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.
Volatile organic compound	This product contains a maximum VOC content of 790 g/l. This product contains a maximum VOC content of 6.6 lb per Gallon.

10. Stability and reactivity

Stability	Stable at normal ambient temperatures.
Possibility of hazardous reactions	Will not polymerize.
Conditions to avoid	Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.
Materials to avoid	Strong acids. Strong alkalis. Strong reducing agents. Strong oxidizing agents.
Hazardous decomposition products	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO ₂).

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Pressline Isopropyl Alcohol 99% Pure (USA)

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Causes eye irritation.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Drowsiness, dizziness, disorientation, vertigo.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Not anticipated to present an aspiration hazard, based on chemical structure.

Inhalation

Drowsiness, dizziness, disorientation, vertigo.

Ingestion

May cause stomach pain or vomiting.

Skin Contact

Liquid may irritate skin.

Eye contact

Irritating to eyes.

Route of entry

Skin and/or eye contact Inhalation

Medical Symptoms

Irritation of eyes and mucous membranes. Skin irritation. Drowsiness, dizziness, disorientation, vertigo.

12. Ecological Information

Ecotoxicity

Not known. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

Persistence and degradability

Persistence and degradability The product is readily biodegradable.

Bioaccumulative potential

Bio-Accumulative Potential The product does not contain any substances expected to be bioaccumulating.

Pressline Isopropyl Alcohol 99% Pure (USA)

Partition coefficient log Pow: 0.05

Mobility in soil

Mobility The product is soluble in water. The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

Other adverse effects

Other adverse effects None known.

13. Disposal considerations

Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered. Materials such as cleaning rags and paper wipes that are contaminated with flammable liquids may self-ignite after use and should be stored in designated fireproof containers with tight-fitting, self-closing lids.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

UN Number

UN No. (DOT) 1219

UN No. (IMDG) 1219

UN No. (ICAO) 1219

UN proper shipping name

Proper shipping name (DOT) ISOPROPANOL (ISOPROPYL ALCOHOL)

Proper shipping name (IMDG) ISOPROPANOL (ISOPROPYL ALCOHOL)

Proper shipping name (ICAO) ISOPROPANOL (ISOPROPYL ALCOHOL)

Transport hazard class(es)

IMDG Class 3

ICAO class/division 3

Transport labels



Packing group

DOT pack group II

IMDG packing group II

ICAO packing group II

Environmental hazards

Pressline Isopropyl Alcohol 99% Pure (USA)

Environmentally Hazardous Substance

No.

Special precautions for user

EmS F-E, S-D

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not Known

15. Regulatory information

International Regulations

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

Not listed

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

Not listed

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

Not listed

SARA 313 Emission Reporting

Not listed

CAA Accidental Release Prevention

Not listed

FDA - Essential Chemical

Not listed

FDA - Precursor Chemical

Not listed

OSHA Highly Hazardous Chemicals

Not listed

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

Not listed

California Air Toxics "Hot Spots" (A-I)

PROPAN-2-OL

60-100%

California Air Toxics "Hot Spots" (A-II)

Not listed

California Directors List of Hazardous Substances

PROPAN-1-OL

<0.1%

ETHANOL

<1%

Pressline Isopropyl Alcohol 99% Pure (USA)

PROPAN-2-OL

60-100%

Massachusetts "Right To Know" List

PROPAN-1-OL

<0.1%

ETHANOL

<1%

PROPAN-2-OL

60-100%

Rhode Island "Right To Know" List

PROPAN-1-OL

<0.1%

ETHANOL

<1%

PROPAN-2-OL

60-100%

Minnesota "Right To Know" List

PROPAN-1-OL

<0.1%

ETHANOL

<1%

PROPAN-2-OL

60-100%

New Jersey "Right To Know" List

PROPAN-1-OL

<0.1%

ETHANOL

<1%

PROPAN-2-OL

60-100%

Pennsylvania "Right To Know" List

PROPAN-1-OL

<0.1%

ETHANOL

<1%

PROPAN-2-OL

60-100%

Inventories

Canada - DSL/NDSL

All the ingredients are listed or exempt.
DSL

US - TSCA

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All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification

Not listed

16. Other information

Key literature references and sources for data	Material Safety Data Sheet, Misc. manufacturers.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Issued by	J Waterfield
Revision date	6/19/2015
Revision	2.0
Supersedes date	9/1/2012
SDS No.	21355
Hazard statements in full	H225 Highly flammable liquid and vapor. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
ACA HMIS Health rating.	Moderate hazard. (2)
ACA HMIS Physical hazard rating.	Normally stable. (0)
ACA HMIS Personal protection rating.	C
ACA HMIS Flammability rating.	Ignites easily. (3)

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.