VELTEK ASSOCIATES, INC.

PROCESS2WIPE® IPA70

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024) and according to SOR/2015-17, Hazardous Products Regulations (HPR) with its amendment Regulation SOR/2022-272
Issue date: 5/20/2011 Revision date: 9/24/2026 Supersedes: 5/18/2022 Version: 5.2

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : PROCESS2WIPE® IPA70
Product code : SDS VEL-038

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Wipe for removal of contamination on clean room surfaces

1.4. Supplier's details

Veltek Associates, Inc.
15 Lee Blvd
Malvern, PA 19355-1234 USA
Telephone: +1 610-644-8335
E-mail: vai@sterile.com

In Canada distributed by:
Canada Clean Room (CCR)
20 Cope Dr.
Kanata, ON K2M 2V8, Canada
Telephone: 1-(888)-595-8070

1.5. Emergency phone number

Emergency number : CARECHEM 24: 1-215-207-0061
1-866-928-0789 (toll free USA)
Canada: 1-800-579-7421 (toll free)
Mexico: +52-55-5004-8763

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquid, Category 2	H225	Highly flammable liquid and vapor.
Serious eye damage/eye irritation, Category 2	H319	Causes serious eye irritation.
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336	May cause drowsiness or dizziness.

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger

Hazard statements (GHS US) : H225 - Highly flammable liquid and vapor
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness

Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P241 - Use explosion-proof electrical, lighting, ventilating equipment.
P242 - Use non-sparking tools.
P243 - Take action to prevent static discharges.
P261 - Avoid breathing vapors.
P264 - Wash hands thoroughly after handling.
P280 - Wear eye protection, protective gloves, protective clothing.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a doctor if you feel unwell.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P370+P378 - In case of fire: Use Dry powder, carbon dioxide (CO2), alcohol resistant foam to extinguish.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P235 - Keep cool.
P501 - Dispose of contents and/or container to an authorized waste collection point.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

Mixtures

Name	Product identifier	%	GHS US classification
2-Propanol	CAS-No.: 67-63-0	68 - 72	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Remove person to fresh air and keep at rest in a position comfortable for breathing. If symptoms develop obtain medical attention.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If symptoms develop, obtain medical attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Ensure that folded skin of eyelids is thoroughly washed with water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Not an expected route of exposure. If swallowed: Do NOT induce vomiting, Rinse mouth, Obtain immediate medical attention.

4.2. Most important symptoms/effects, acute and delayed

Potential Adverse human health effects and symptoms : Causes serious eye irritation. Repeated or prolonged contact may cause skin irritation. May cause drowsiness or dizziness. Headache. Fatigue. Nausea. Vomiting. Ingestion may cause irritation of the gastrointestinal tract.

Symptoms/effects after skin contact : Repeated and/or prolonged skin contact may cause irritation.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Alcohol resistant foam. Dry powder. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : Highly flammable liquid and vapor. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors.

Explosion hazard : Vapors may form explosive mixture with air. Heat may cause pressure rise with explosion of tanks/drums.

Hazardous decomposition products in case of fire : In case of fire product can release: Carbon monoxide. Carbon dioxide.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Move containers from fire area if you can do it without risk. Cool closed containers that are near the source of the fire. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus when in close proximity to fire.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures : Remove all sources of ignition. Ventilate area. Avoid contact with skin, eyes and clothing. Evacuate unnecessary personnel.

For emergency responders

Protective equipment : Use personal protective equipment as required. See Section 8.

Emergency procedures : Remove all sources of ignition. Use only non-sparking tools. Ventilate area. Avoid contact with eyes, skin and clothing.

Environmental precautions : Prevent entry to sewers and public waters.

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Provide adequate ventilation, including appropriate local extraction, to ensure that occupational exposure limits are not exceeded. Avoid contact with skin, eyes and clothing.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take off contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep in fireproof place. Protect from sunlight. Store in a well-ventilated place. Keep container tightly closed. Keep only in original container. Keep cool. Always keep container in upright position. Have appropriate fire extinguishers and spill cleanup equipment in or near storage area. Stored containers should be periodically checked for general condition and leakage.

Incompatible materials : Strong acids. Oxidizing agents. Alkali metals. Aluminum.

Specific end uses : Cleaning wipe.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

2-Propanol (67-63-0)	
USA - ACGIH® - Threshold Limit Values	
Local name	2-Propanol
ACGIH TWA (mg/m³)	491 mg/m³
ACGIH TWA (ppm)	200 ppm
ACGIH® TLV® STEL	984 mg/m³
ACGIH STEL (ppm)	400 ppm
Remark (ACGIH®)	TLV® Basis: Eye & URT irr; CNS repair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2026
USA - ACGIH® - Biological Exposure Indices	
Local name	2-Propanol
BEI (BLV)	40 mg/l Parameter: Acetone - Medium: urine - Sampling time: End of shift at end of workweek - Notations: B, Ns
Regulatory reference	ACGIH 2026
USA - OSHA - Occupational Exposure Limits	
Local name	Isopropyl alcohol
OSHA PEL (TWA) (mg/m³)	980 mg/m³
OSHA PEL TWA	400 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

2-Propanol (67-63-0)	
USA - Cal/OSHA - Occupational Exposure Limits	
Local name	Isopropyl alcohol
Cal/OSHA PEL (OEL TWA)	980 mg/m³
	400 ppm
Cal/OSHA STEL	1225 mg/m³
	500 ppm
Regulatory reference	California Division of Occupational Safety and Health (Cal/OSHA) - Permissible Exposure Limit for Chemical Contaminants (Table AC-1)
USA - NIOSH - Occupational Exposure Limits	
Local name	Isopropyl alcohol
NIOSH REL 10h TWA	400 ppm
NIOSH REL (STEL)	500 ppm
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))
Canada (Alberta) - Occupational Exposure Limits	
Local name	2-Propanol (Isopropyl alcohol, isopropanol)
OEL TWA	492 mg/m³
	200 ppm
OEL STEL	984 mg/m³
	400 ppm
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Isopropyl alcohol # Alcool isopropylique
VECD (OEL STEV)	400 ppm
VEMP (OEL TWAEV)	200 ppm
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety # S-2.1, r. 13 - Règlement sur la santé et la sécurité du travail
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Isopropanol (Isopropyl alcohol, 2-Propanol)
OEL TWA	200 ppm
OEL STEL	400 ppm
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA	491 mg/m³
	200 ppm
OEL STEL	984 mg/m³
	400 ppm

2-Propanol (67-63-0)	
Notations and remarks	TLV® Basis: Eye & URT irr; CNS repair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA	200 ppm
OEL STEL	400 ppm
Notations and remarks	Eye & URT irr; CNS impair
Regulatory reference	ACGIH
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA	491 mg/m³
	200 ppm
OEL STEL	984 mg/m³
	400 ppm
Notations and remarks	TLV® Basis: Eye & URT irr; CNS repair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA	491 mg/m³
	200 ppm
OEL STEL	984 mg/m³
	400 ppm
Notations and remarks	TLV® Basis: Eye & URT irr; CNS repair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Isopropyl alcohol # Alcool isopropylique
OEL TWA	200 ppm
OEL STEL	400 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021) # Règlement sur la santé et la sécurité au travail, Règ Nu 003-2016 (Modification R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Isopropyl alcohol # Alcool isopropylique
OEL TWA	200 ppm
OEL STEL	400 ppm

2-Propanol (67-63-0)	
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-124-2018) # Règlement sur la santé et la sécurité au travail R-039-2015 (R-124-2018)
Canada (Ontario) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWAEV	200 ppm
	400 ppm
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA	491 mg/m³
	200 ppm
OEL STEL	984 mg/m³
	400 ppm
Notations and remarks	TLV® Basis: Eye & URT irr; CNS repair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Isopropyl alcohol
OEL TWA	200 ppm
OEL STEL	400 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide adequate ventilation, including appropriate local extraction, to ensure that occupational exposure limits are not exceeded. Ensure exposure is below occupational exposure limits (where available). Local exhaust ventilation (LEV) may be required to control inhalation exposure. Emergency eye wash stations should be available in the immediate vicinity of any potential exposure if required by regulation.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:
Avoid all unnecessary exposure.

Hand protection:
Wear chemically resistant protective gloves. Hand Protection in accordance with 29 CFR 1910.138 & ANSI/ISEA 105-2016. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed. Gloves should be removed and replaced if there are any signs of degradation or breakthrough.

Eye protection:
Chemical goggles or safety glasses. Eye Protection in accordance with 29 CFR 1910.133 & ANSI/ISEA Z87.1-2020

Skin and body protection:
Long sleeved clothing

Respiratory protection:
In case of inadequate ventilation wear respiratory protection. Respiratory protection in accordance with 29 CFR 1910.134 & ANSI Z88.2 / ANSI Z88.6. Employers must select and provide National Institute for Occupational Safety and Health (NIOSH)-approved respiratory protection when employees are exposed to airborne hazards exceeding the Permissible Exposure Limits (PEL), listed in the OSHA air contaminants standard 29 CFR 1910.1000.

Thermal hazard protection:

Not required for normal conditions of use.

Other information:

Do not eat, drink or smoke during use. Handle in accordance with good industrial hygiene and safety procedures.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Fabric moistened with liquid.
Color	:	White fabric, clear liquid
Odor	:	Mild alcohol
Odor threshold	:	No data available
pH	:	5.5 – 7.5
Melting point	:	Not applicable
Freezing point	:	Not applicable
Boiling point	:	180.5 °F (82.5 °C)
Flash point	:	70.7 °F (21.5 °C)
Flammability (solid, gas)	:	Not applicable.
Vapor pressure	:	3.7 – 4.1 kPa (20 °C)(Propan-2-ol)
Relative vapor density at 20°C	:	1.6 (Air = 1)
Relative density	:	No data available
Density	:	0.84 – 0.87 g/m³
Solubility	:	Liquid is miscible with water. Fabric is insoluble.
Log Pow	:	No data available
Auto-ignition temperature	:	750.2 °F (399 °C)
Decomposition temperature	:	No data available
Viscosity, kinematic	:	2.414 – 2.5 mm²/s
Viscosity, dynamic	:	2.1 cP (25 °C)(Propan-2-ol)
Explosion limits	:	2.5 – 12 vol % (Isopropanol)
Explosive properties	:	Vapors may form explosive mixture with air.
Oxidizing properties	:	Not oxidizing.
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

Stable under recommended handling and storage conditions (see section 7). Highly flammable liquid and vapor.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Vapors may form explosive mixture with air. Under fire conditions closed containers may rupture or explode.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Extremely high or low temperatures. Direct sunlight.

10.5. Incompatible materials

Strong acids. Oxidizing agents. Alkali metals. Aluminum.

10.6. Hazardous decomposition products

In case of fire product can release: Carbon monoxide. Carbon dioxide.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

2-Propanol (67-63-0)	
LD50 oral, rat	5840 mg/kg body weight (OECD 401 method)
LD50 oral	4384 mg/kg
LD50 dermal, rabbit	16.4 ml/kg - 24 Hours (OECD 402 method)
LD50 dermal	12870 mg/kg
LC50 inhalation, rat (ppm)	> 10000 ppm - 6 Hours (OECD 403 method)
ATE US (oral)	5840 mg/kg body weight
ATE US (dermal)	16400 mg/kg body weight

Skin corrosion/irritation : Not classified
pH: 5.5 – 7.5

Serious eye damage/irritation : Causes serious eye irritation.
pH: 5.5 – 7.5

Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

2-Propanol (67-63-0)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified
STOT-single exposure : May cause drowsiness or dizziness.

2-Propanol (67-63-0)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

2-Propanol (67-63-0)	
NOAEL, Inhalation, rat	5000 ppm (104 weeks, (OECD 451 method))

Aspiration hazard : Not classified

PROCESS2WIPE® IPA70	
Viscosity, kinematic	2.414 – 2.5 mm²/s

Potential Adverse human health effects and symptoms : Causes serious eye irritation. Repeated or prolonged contact may cause skin irritation. May cause drowsiness or dizziness. Headache. Fatigue. Nausea. Vomiting. Ingestion may cause irritation of the gastrointestinal tract.

Symptoms/effects after skin contact : Repeated and/or prolonged skin contact may cause irritation.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified

2-Propanol (67-63-0)	
LC50 fish	9640 mg/l - 96 Hours (Pimephales promelas), (OECD 203 method) Source: ECHA
EC50 Daphnia	> 10000 mg/l - 24 Hours (Daphnia magna, Mobility), (OECD 202 method)
ErC50 algae	1000 mg/l
NOEC chronic crustacea	> 1000 mg/l - 21 days (Daphnia magna), (NOELr, Method QSAR (Quantitative Structure-Activity Relationship))
NOEC chronic algae	1800 mg/l - 7 days (Scenedesmus quadricauda)

12.2. Persistence and degradability

PROCESS2WIPE® IPA70	
Persistence and degradability	Liquid: Rapidly degradable.

2-Propanol (67-63-0)	
Persistence and degradability	Readily biodegradable.
Biochemical oxygen demand (BOD)	1.19 g O2/g substance - 5 days (Test method EU C.5)
Chemical oxygen demand (COD)	2.23 g O2/g substance (Test method EU C.6)
Biodegradation	53 % - 5 days

12.3. Bioaccumulative potential

PROCESS2WIPE® IPA70	
Bioaccumulative potential	Liquid: Low bioaccumulation potential.

2-Propanol (67-63-0)	
Bioconcentration factor (BCF REACH)	3
Log Pow	0.05 (25°C)
Bioaccumulative potential	Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.

12.4. Mobility in soil

PROCESS2WIPE® IPA70	
Ecology - soil	Liquid very mobile, fabric inert.

2-Propanol (67-63-0)	
Ecology - soil	Miscible with water.

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

Other information : Avoid release to the environment.

SECTION 13 Disposal considerations

Waste disposal recommendations : Dispose of this product and its container in a safe manner in accordance with local/national regulations. Manage wipes in accordance with applicable regulatory requirements.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

UN-No. (DOT) : UN3175
UN-No. (TDG) : UN3175
UN-No. (IMDG) : 3175
UN-No. (IATA) : 3175

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT) : Solids containing flammable liquid, n.o.s. (Isopropanol)
Proper Shipping Name (TDG) : SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropanol)
Proper Shipping Name (IMDG) : SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropanol)
Proper Shipping Name (IATA) : Solids containing flammable liquid, n.o.s. (Isopropanol)

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : 4.1
Hazard labels (DOT) : 4.1



TDG

Transport hazard class(es) (TDG) : 4.1
Hazard labels (TDG) : 4.1



IMDG

Transport hazard class(es) (IMDG) : 4.1
Hazard labels (IMDG) : 4.1



IATA

Transport hazard class(es) (IATA) : 4.1

Hazard labels (IATA) : 4.1



14.4. Packing group

Packing group (DOT) : II

Packing group (TDG) : II

Packing group (IMDG) : II

Packing group (IATA) : II

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

UN-No. (DOT) : UN3175

DOT Special Provisions (49 CFR 172.102) : 47 - Mixtures of solids that are not subject to this subchapter and flammable liquids may be transported under this entry without first applying the classification criteria of Division 4.1, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Except when the liquids are fully absorbed in solid material contained in sealed bags, each packaging must correspond to a design type that has passed a leakproofness test at the Packing Group II level. Small inner packaging consisting of sealed packets containing less than 10 mL of a Class 3 liquid in Packing Group II or III absorbed into a solid material are not subject to this subchapter provided there is no free liquid in the packet.
IB6 - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2). Additional Requirement: Composite IBCs 11HZ2 and 21HZ2 may not be used when the hazardous materials being transported may become liquid during transport.
IP2 - When IBCs other than metal or rigid plastics IBCs are used, they must be offered for transportation in a closed freight container or a closed transport vehicle.
T3 - 2.65 178.274(d)(2) Normal..... 178.275(d)(2)
TP33 - The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent requirements for minimum shell thickness, maximum allowable working pressure, pressure-relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter.

DOT Packaging Exceptions (49 CFR 173.xxx) : 151

DOT Packaging Non Bulk (49 CFR 173.xxx)	:	212
DOT Packaging Bulk (49 CFR 173.xxx)	:	240
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	15 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	50 kg
DOT Vessel Stowage Location	:	B - (i) The material may be stowed ‘‘on deck’’ or ‘‘under deck’’ on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) ‘‘On deck only’’ on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

TDG

UN-No. (TDG)	:	UN3175
TDG Special Provisions	:	16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the danger or dangers posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S; (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S; (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S; (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment: (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS,56 - (1) When solids that are not dangerous goods, and liquids included in Class 3, Flammable Liquids, are in a mixture, the mixture may be handled, offered for transport or transported under this shipping name without the tests and criteria for including substances in Class 4.1, Flammable Solids, first being applied to them, if (a) there is no visible liquid at the time the mixture is loaded into a means of containment or at the time the means of containment is closed; and (b) each means of containment is leakproof. (2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to a sealed packet or article containing less than 10 mL of dangerous goods included in Class 3, Flammable Liquids, packing group II or III, if there is no free liquid in the packet or article.
Explosive Limit and Limited Quantity Index	:	1 kg
Excepted quantities (TDG)	:	E2
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	:	15 kg
Emergency Response Guide (ERG) Number	:	133

IMDG

No data available

IATA

PCA Excepted quantities (IATA)	:	E2
PCA Limited quantities (IATA)	:	Y441

SECTION 15 Regulatory information

15.1. Federal regulations

PROCESS2WIPE® IPA70	
SARA Section 311/312 Hazard Classes	Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Serious eye damage or eye irritation Health hazard - Specific target organ toxicity (single or repeated exposure)

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Propan-2-ol	67-63-0	Present	Active	

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.		
Propan-2-ol	CAS-No. 67-63-0	68 - 72%

15.2. International regulations

CANADA

2-Propanol (67-63-0)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

2-Propanol (67-63-0)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
2-Propanol(67-63-0)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024) and according to SOR/2015-17, Hazardous Products Regulations (HPR) with its amendment Regulation SOR/2022-272

Revision date : 9/24/2026

Issue date : 5/20/2011

Data sources : US OSHA HazCom (GHS) 25 May 2012. 29 CFR 1910.

Full text of hazard classes and H-statements	
H225	Highly flammable liquid and vapor

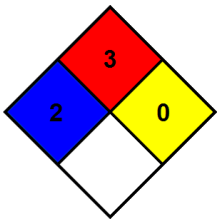
Full text of hazard classes and H-statements	
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

Abbreviations and acronyms	
	ACGIH (American Conference of Government Industrial Hygienists)
	ATE (Acute Toxicity Estimate)
	CAS (Chemical Abstracts Service) number
	DNEL (Derived No Effect Level)
	EC50 (Effective Concentration 50%)
	IARC (International Agency for Research on Cancer)
	IATA (International Air Transport Association)
	IMDG (International Maritime Dangerous Goods Code)
	IMO (International Maritime Organisation)
	LC50 (Lethal Concentration 50%)
	LD50 (Lethal Dose 50%)
	OECD (Organisation for Economic Co-operation and Development)
	OSHA (Occupational Safety and Health Administration) (US)
	PBT (Persistent, Bioaccumulative and Toxic)
	PNEC (Predicted No Effect Concentration)
	STEL (Short Term Exposure Limit)
	TSCA (Toxic Substances Control Act) (US)
	TWA (Time Weighted Average)
	UNxxxx (Number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods)
	vPvB (very Persistent and very Bioaccumulative)

NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard : 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating

Health : 2 Moderate Hazard - Temporary or minor injury may occur

Flammability : 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB IC)

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Indication of changes:		
Section	**Changed item**	**Comments**
1	Identification	**Modified**
2	Hazards identification	**Modified**
3	Composition/Information on ingredients	**Modified**
4	First aid measures	**Modified**
5	Fire fighting measures	**Modified**
6	Accidental release measures	**Modified**
7	Handling and storage	**Modified**
8	Exposure controls / Personal protection equipment	**Modified**
9	Physical and chemical properties	**Modified**
10	Stability and reactivity	**Modified**
11	Toxicological information	**Modified**
12.	Ecological information	**Modified**
14	Transport information	**Modified**
15	Regulatory information	**Modified**
16	Other information	**Modified**

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This SDS has been translated into the official language of the country/region in which the product is to be placed on the market. Where no official translation exists, the regulatory text is reported in English, as it appears in the relevant regulatory text.