

Section 1 ~ Identification

Identity (As Used On Label and List) Q2090 HAND SAN	Date Prepared: 03/12/20
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 1133 WEST 27 TH STREET	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) CHEYENNE, WY 82001	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Classifications

Flammable liquids, H225
Category 2
Serious eye damage/eye irritation, H319
Category 2A
Specific target organ toxicity - Single exposure, H336
Category 3
Narcosis
H336
Full text of H statements: see section 16

Label Elements



Signal Word: WARNING

Hazard Statement

H225 - Highly flammable liquid and vapour
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness

Contains: 2-propanol

Precautionary Statement

P210 - Keep away from heat. - No smoking
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P261 - Avoid breathing fume
P264 - Wash hands thoroughly after handling
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear eye protection, protective gloves
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 Suitable extinguishing media to extinguish
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
P501 - Dispose of contents/container to an approved waste disposal plant

Other Hazards

No additional information available

Unknown acute toxicity (GHS US)

Not applicable

Section 3 ~ Composition/Information on Ingredients

Substance

Not applicable

Mixture

Name	Product identifier	%	GHS-US classification
2-propanol	(CAS No) 67-63-0	60 - 65	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336

Full text of H-statements: see section 16

Section 4 ~ First Aid Measures

Description of 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 victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.

First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention. Get medical advice/attention.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: May cause drowsiness or dizziness.

Symptoms/injuries after eye contact: Causes serious eye irritation.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5 ~ Firefighting Measures

Extinguishing media

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

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

Special hazards arising from the substance or mixture

Fire hazard: Highly flammable liquid and vapour.

Explosion hazard: May form flammable/explosive vapour-air mixture.

Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. 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.

Section 6 ~ Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

General measures: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

For emergency responders

Protective equipment: Equip cleanup crew with proper protection. Avoid breathing mist.

Emergency procedures: Ventilate area.

Environmental precautions

No additional information available

Methods and material for containment and cleaning up

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Reference to other sections

See Heading 8. Exposure controls and personal protection.

Section 7 ~ Handling and Storage

Precautions for safe handling

Additional hazards when processed: Handle empty containers with care because residual vapours are flammable.

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Use only non-sparking tools. Avoid breathing fume.

Use only outdoors or in a well-ventilated area.

Hygiene measures: Wash hands thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Technical measures: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment.

Use explosion-proof electrical equipment.

Storage conditions: Keep only in the original container in a cool, well ventilated place away from: Heat sources. Keep in fireproof place. Keep container tightly closed.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition. Direct sunlight. Heat sources.

Section 8 ~ Exposure Controls/Personal Protection

Control parameters

2-propanol (67-63-0)

ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	400 ppm
ACGIH	Remark (ACGIH)	Eye & URT irrit; CNS impair
OSHA	OSHA PEL (TWA) (mg/m ³)	980 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	400 ppm

Exposure controls

Personal protective equipment: Avoid all unnecessary exposure.

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses.

Respiratory protection: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

Other information: Do not eat, drink or smoke during use.

Section 9 ~ Physical and Chemical Properties

Physical state: Liquid
Colour: clear
Odour: Lemon odour
Odour threshold: No data available
pH: No data available
Melting point: No data available
Freezing point: No data available
Boiling point: No data available
Flash point: No data available
Relative evaporation rate (butylacetate=1): No data available
Flammability (solid, gas): No data available
Explosive limits: No data available
Explosive properties: No data available
Oxidising properties: No data available
Vapour pressure: No data available
Relative density: No data available
Relative vapour density at 20 °C: No data available
Density: ≈ 0.87
Solubility: Water: Solubility in water of component(s) of the mixture: • 2-propanol: Complete
Log Pow: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available

Other information

No additional information available

Section 10 ~ Stability and Reactivity

Reactivity

No additional information available

Chemical stability

Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

Possibility of hazardous reactions

Not established.

Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame.

Incompatible materials

Strong acids. Strong bases.

Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

Section 11 ~ Toxicological Information

Acute toxicity: Not classified**2-propanol (67-63-0)**

LD50 dermal rabbit	12870 mg/kg (Rabbit; Experimental value; Equivalent or similar to OECD 402; 16.4; Rabbit)
LC50 inhalation rat (mg/l)	73 mg/l/4h (Rat)
ATE US (dermal)	12870.000 mg/kg bodyweight
ATE US (vapours)	73.000 mg/l/4h
ATE US (dust,mist)	73.000 mg/l/4h

Skin corrosion/irritation: Not classified**Serious eye damage/irritation:** Causes serious eye irritation.**Respiratory or skin sensitisation:** Not classified**Germ cell mutagenicity:** Not classified**Carcinogenicity:** Not classified**2-propanol (67-63-0)**

IARC group 3 - Not classifiable

Reproductive toxicity: Not classified**Specific target organ toxicity (single exposure):** May cause drowsiness or dizziness.**Specific target organ toxicity (repeated exposure):** Not classified**Aspiration hazard:** Not classified**Potential adverse human health effects and symptoms:** Based on available data, the classification criteria are not met.**Symptoms/injuries after inhalation:** May cause drowsiness or dizziness.**Symptoms/injuries after eye contact:** Causes serious eye irritation.

Section 12 ~ Ecological Information

Toxicity**2-propanol (67-63-0)**

LC50 fish 2 9640 mg/l (LC50; OECD 203; Fish, Acute Toxicity Test; 96 h; Pimephales promelas; Flowthrough system; Fresh water; Experimental value)
 EC50 Daphnia 2 13299 mg/l (EC50; Other; 48 h; Daphnia magna)
 Threshold limit algae 1 > 1000 mg/l (EC50; UBA; 72 h; Scenedesmus subspicatus)

Persistence and degradability**HAND SAN**

Persistence and degradability Not established.

2-propanol (67-63-0)

Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.
 No (test)data on mobility of the substance available. Not established.
 Biochemical oxygen demand (BOD) 1.19 g O₂/g substance
 Chemical oxygen demand (COD) 2.23 g O₂/g substance
 ThOD 2.40 g O₂/g substance

Bioaccumulative potential**HAND SAN**

Bioaccumulative potential Not established.

2-propanol (67-63-0)

Log Pow 0.05 (Weight of evidence approach; Other; 25 °C)
 Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4). Not established.

Mobility in soil**2-propanol (67-63-0)**

Surface tension 0.021 N/m (25 °C)

Other adverse effects

Effect on the global warming: No known ecological damage caused by this product.

Other information: Avoid release to the environment.

Section 13 ~ Disposal Considerations

Waste treatment methods

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to an approved waste disposal plant.

Additional information: Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials: Avoid release to the environment.

Section 14 ~ Transportation Information

Department of Transportation (DOT)

In accordance with DOT
 Not regulated for transport

TDG

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

Section 15 ~ Regulatory Information

US Federal regulations**HAND SAN**

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

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.

2-propanol CAS No 67-63-0 60 - 65%

International regulations

CANADA: No additional information available

EU-Regulations: No additional information available

National regulations: No additional information available

US State regulations

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

2-propanol (67-63-0)

U.S. - New Jersey - Right to Know Hazardous Substance List

Section 16 ~ Other Information

Full text of H-statements:

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

	NFPA	HMIS	Key
HEALTH	0	0	4= Severe
FLAMMABILITY	2	2	3= Serious
REACTIVITY	0		2= Moderate
PHYSICAL		0	1= Slight
PERSONAL PROTECTION			0= Minimal

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End of Safety Data Sheet