



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS  
which includes the amended Hazardous Products Act (HPA) and the Hazardous Products  
Regulation (HPR)

Revision Date 25-Nov-2025

Version 2

## 1. Identification

### Product identifier

**Product Name** 1AR FORM A GASKET #1 SEALANT 1.5 OZ.

### Other means of identification

**Product Code** 80007

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Sealant

**Restrictions on use** No information available

### Details of the supplier of the safety data sheet

#### Manufacturer Address

ITW Permatex, Inc.  
6875 Parkland Blvd.  
Solon, Ohio 44139 USA  
Telephone: 1-87-Permatex  
(866) 732-9502

#### May Also Be Distributed by:

ITW Permatex Canada  
101-2360 Bristol Circle  
Oakville, ON Canada L6H 6M5  
Telephone: (800) 924-6994

**E-mail address** mail@permatex.com

### Emergency telephone number

**Company Phone Number** 866-732-9502

**24 Hour Emergency Phone Number** Chem-Tel: 800-255-3924  
International Emergency:  
00+1+ 813-248-0585  
Contract Number: MIS0003453

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Contract Number: MIS0003453

## 2. Hazard(s) identification

### Classification

Carcinogenicity	Category 1A
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### Label elements

Contains CRYSTALLINE SILICA; TITANIUM DIOXIDE; METHYL ISOBUTYL KETONE



## Danger

### Hazard statements

May cause cancer.

### Precautionary Statements - Prevention

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves, protective clothing, eye protection and face protection.

### Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention.

### Precautionary Statements - Storage

Store locked up.

### Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

1.089 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

12.439 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

38.42 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

37 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

27.07 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

### Other Information

May be harmful if swallowed. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

## 3. Composition/information on ingredients

### Substance

Not applicable.

### Mixture

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
KAOLIN	1332-58-7	30-60%	-	-
ETHANOL	64-17-5	7-13%	-	-
2-PROPANOL	67-63-0	0.5-1.5%	-	-
TITANIUM DIOXIDE	13463-67-7	0.1-1%	-	-
CRYSTALLINE SILICA	14808-60-7	0.1-1%	-	-
METHANOL	67-56-1	0.1-1%	-	-
METHYL ISOBUTYL KETONE	108-10-1	0.1-1%	-	-

## 4. First-aid measures

### Description of first aid measures

<b>General advice</b>	IF exposed or concerned: Get medical advice/attention.
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Ingestion</b>	Rinse mouth.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Effects of Exposure** May cause cancer.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**5. Fire-fighting measures**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**Specific hazards arising from the chemical** No information available.

**Explosion data**

**Sensitivity to mechanical impact** None.  
**Sensitivity to static discharge** None.

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation.

**Other information** Refer to protective measures listed in Sections 7 and 8.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**7. Handling and storage**

**Precautions for safe handling****Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing.

**Conditions for safe storage, including any incompatibilities****Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.

**8. Exposure controls/personal protection****Control Parameters****Exposure Limits**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
KAOLIN 1332-58-7	TWA: 2 mg/m <sup>3</sup> respirable particulate matter containing no Asbestos and <1% Crystalline silica	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> ; total dust TWA: 5 mg/m <sup>3</sup> ; respirable dust
ETHANOL 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	TWA: 1000 ppm; TWA: 1900 mg/m <sup>3</sup> ; IDLH: 3300 ppm
2-PROPANOL 67-63-0	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	TWA: 400 ppm; TWA: 980 mg/m <sup>3</sup> ; STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup> IDLH: 2000 ppm
TITANIUM DIOXIDE 13463-67-7	TWA: 0.2 mg/m <sup>3</sup> nanoscale respirable particulate matter TWA: 2.5 mg/m <sup>3</sup> finescale respirable particulate matter	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	TWA: 2.4 mg/m <sup>3</sup> ; CIB 63 fine TWA: 0.3 mg/m <sup>3</sup> ; CIB 63 ultrafine, including engineered nanoscale IDLH: 5000 mg/m <sup>3</sup>
CRYSTALLINE SILICA 14808-60-7	TWA: 0.025 mg/m <sup>3</sup> respirable particulate matter	TWA: 50 µg/m <sup>3</sup> TWA: 50 µg/m <sup>3</sup> excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust : (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction : (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction	TWA: 0.05 mg/m <sup>3</sup> ; respirable dust IDLH: 50 mg/m <sup>3</sup> respirable dust
METHANOL 67-56-1	TWA: 200 ppm STEL: 250 ppm pSk	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m <sup>3</sup> (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m <sup>3</sup> Sdv	TWA: 200 ppm; TWA: 260 mg/m <sup>3</sup> ; STEL: 250 ppm STEL: 325 mg/m <sup>3</sup> IDLH: 6000 ppm
METHYL ISOBUTYL KETONE 108-10-1	TWA: 20 ppm STEL: 75 ppm	TWA: 100 ppm TWA: 410 mg/m <sup>3</sup> (vacated) TWA: 50 ppm (vacated) TWA: 205 mg/m <sup>3</sup> (vacated) STEL: 75 ppm	TWA: 50 ppm; TWA: 205 mg/m <sup>3</sup> ; STEL: 75 ppm STEL: 300 mg/m <sup>3</sup> IDLH: 500 ppm

			(vacated) STEL: 300 mg/m <sup>3</sup>	
Chemical name	Alberta	British Columbia	Ontario	Quebec
KAOLIN 1332-58-7	TWA: 2 mg/m <sup>3</sup> ; respirable	TWA: 2 mg/m <sup>3</sup> ; respirable particulate	TWA: 2 mg/m <sup>3</sup> ; respirable particulate matter	TWAEV: 2 mg/m <sup>3</sup> ; respirable dust
ETHANOL 64-17-5	TWA: 1000 ppm; TWA: 1880 mg/m <sup>3</sup> ;	STEL: 1000 ppm;	STEL: 1000 ppm;	STEV: 1000 ppm;
2-PROPANOL 67-63-0	TWA: 200 ppm; TWA: 492 mg/m <sup>3</sup> ; STEL: 400 ppm; STEL: 984 mg/m <sup>3</sup> ;	TWA: 200 ppm; STEL: 400 ppm;	TWA: 200 ppm; STEL: 400 ppm;	TWAEV: 200 ppm; STEV: 400 ppm;
TITANIUM DIOXIDE 13463-67-7	TWA: 10 mg/m <sup>3</sup> ;	TWA: 10 mg/m <sup>3</sup> ; total dust TWA: 3 mg/m <sup>3</sup> ; respirable fraction	TWA: 10 mg/m <sup>3</sup> ;	TWAEV: 10 mg/m <sup>3</sup> ; total dust
CRYSTALLINE SILICA 14808-60-7	TWA: 0.025 mg/m <sup>3</sup> ; respirable particulate	TWA: 0.025 mg/m <sup>3</sup> ; respirable	TWA: 0.10 mg/m <sup>3</sup> ; respirable fraction	TWAEV: 0.05 mg/m <sup>3</sup> ; respirable dust
METHANOL 67-56-1	TWA: 200 ppm; TWA: 262 mg/m <sup>3</sup> ; STEL: 250 ppm; STEL: 328 mg/m <sup>3</sup> ; pSk	TWA: 200 ppm; STEL: 250 ppm; Sk	TWA: 200 ppm; STEL: 250 ppm; dSk	TWAEV: 200 ppm; TWAEV: 262 mg/m <sup>3</sup> ; STEV: 250 ppm; STEV: 328 mg/m <sup>3</sup> ; Sd
METHYL ISOBUTYL KETONE 108-10-1	TWA: 50 ppm; TWA: 205 mg/m <sup>3</sup> ; STEL: 75 ppm; STEL: 307 mg/m <sup>3</sup> ;	TWA: 20 ppm; STEL: 75 ppm;	TWA: 20 ppm; STEL: 75 ppm;	TWAEV: 20 ppm; STEV: 75 ppm;
Chemical name	Manitoba	New Brunswick	Newfoundland and Labrador	Nova Scotia
KAOLIN	TWA: 2 mg/m <sup>3</sup> ; particulate matter, respirable particulate matter	TWA: 2 mg/m <sup>3</sup> ;	TWA: 2 mg/m <sup>3</sup> ; particulate matter, respirable particulate matter	TWA: 2 mg/m <sup>3</sup> ; particulate matter, respirable particulate matter
ETHANOL	STEL: 1000 ppm;	STEL: 1000 ppm;	STEL: 1000 ppm;	STEL: 1000 ppm;
2-PROPANOL	TWA: 200 ppm; STEL: 400 ppm;	TWA: 200 ppm; STEL: 400 ppm;	TWA: 200 ppm; STEL: 400 ppm;	TWA: 200 ppm; STEL: 400 ppm;
TITANIUM DIOXIDE	TWA: 0.2 mg/m <sup>3</sup> ; nanoscale respirable particulate matter TWA: 2.5 mg/m <sup>3</sup> ; finescale respirable particulate matter	TWA: 10 mg/m <sup>3</sup> ;	TWA: 0.2 mg/m <sup>3</sup> ; nanoscale respirable particulate matter TWA: 2.5 mg/m <sup>3</sup> ; finescale respirable particulate matter	TWA: 0.2 mg/m <sup>3</sup> ; nanoscale respirable particulate matter TWA: 2.5 mg/m <sup>3</sup> ; finescale respirable particulate matter
CRYSTALLINE SILICA	TWA: 0.025 mg/m <sup>3</sup> ; respirable particulate matter	TWA: 0.025 mg/m <sup>3</sup> ; respirable fraction	TWA: 0.025 mg/m <sup>3</sup> ; respirable particulate matter	TWA: 0.025 mg/m <sup>3</sup> ; respirable particulate matter
METHANOL	TWA: 200 ppm; STEL: 250 ppm; pSk	TWA: 200 ppm; STEL: 250 ppm; pSk	TWA: 200 ppm; STEL: 250 ppm; pSk	TWA: 200 ppm; STEL: 250 ppm; pSk
METHYL ISOBUTYL KETONE	TWA: 20 ppm; STEL: 75 ppm;	TWA: 20 ppm; STEL: 75 ppm;	TWA: 20 ppm; STEL: 75 ppm;	TWA: 20 ppm; STEL: 75 ppm;
Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
KAOLIN	TWA: 2 mg/m <sup>3</sup> ; respirable fraction STEL: 4 mg/m <sup>3</sup> ; respirable fraction	TWA: 2 mg/m <sup>3</sup> ; particulate matter, respirable particulate matter	TWA: 2 mg/m <sup>3</sup> ; respirable fraction STEL: 4 mg/m <sup>3</sup> ; respirable fraction	TWA: 30 mppcf; TWA: 10 mg/m <sup>3</sup> ; STEL: 20 mg/m <sup>3</sup> ;
ETHANOL	TWA: 1000 ppm; STEL: 1250 ppm;	STEL: 1000 ppm;	TWA: 1000 ppm; STEL: 1250 ppm;	TWA: 1000 ppm; TWA: 1900 mg/m <sup>3</sup> ; STEL: 1000 ppm;

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
2-PROPANOL	TWA: 200 ppm; STEL: 400 ppm;	TWA: 200 ppm; STEL: 400 ppm;	TWA: 200 ppm; STEL: 400 ppm;	STEL: 1900 mg/m <sup>3</sup> ; TWA: 400 ppm; TWA: 980 mg/m <sup>3</sup> ; STEL: 500 ppm; STEL: 1225 mg/m <sup>3</sup> ; Sk
TITANIUM DIOXIDE	TWA: 10 mg/m <sup>3</sup> ; STEL: 20 mg/m <sup>3</sup> ;	TWA: 0.2 mg/m <sup>3</sup> ; nanoscale respirable particulate matter TWA: 2.5 mg/m <sup>3</sup> ; finescale respirable particulate matter	TWA: 10 mg/m <sup>3</sup> ; STEL: 20 mg/m <sup>3</sup> ;	TWA: 30 mppcf; TWA: 10 mg/m <sup>3</sup> ; STEL: 20 mg/m <sup>3</sup> ;
CRYSTALLINE SILICA	TWA: 0.05 mg/m <sup>3</sup> ; respirable fraction	TWA: 0.025 mg/m <sup>3</sup> ; respirable particulate matter	TWA: 0.05 mg/m <sup>3</sup> ; respirable fraction	TWA: 300 particle/mL;
METHANOL	TWA: 200 ppm; STEL: 250 ppm; Sk	TWA: 200 ppm; STEL: 250 ppm;	TWA: 200 ppm; STEL: 250 ppm; pSd	TWA: 200 ppm; TWA: 260 mg/m <sup>3</sup> ; STEL: 250 ppm; STEL: 310 mg/m <sup>3</sup> ; Sk
METHYL ISOBUTYL KETONE	TWA: 50 ppm; STEL: 75 ppm;	TWA: 20 ppm; STEL: 75 ppm;	TWA: 50 ppm; STEL: 75 ppm;	TWA: 100 ppm; TWA: 410 mg/m <sup>3</sup> ; STEL: 125 ppm; STEL: 510 mg/m <sup>3</sup> ; Sk

#### Biological occupational exposure limits

Chemical name	ACGIH
2-PROPANOL 67-63-0	40 mg/L - urine (Acetone) - end of shift at end of workweek
METHANOL 67-56-1	15 mg/L - urine (Methanol) - end of shift
METHYL ISOBUTYL KETONE 108-10-1	1 mg/L - urine (MIBK) - end of shift

#### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Hand protection** Wear suitable gloves.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** Use appropriate respiratory protection.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Paste / Gel Liquid
Appearance	Paste
Color	Red-Brown
Odor	Alcohol
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
Melting point / freezing point	No data available	
Boiling point / boiling range	82 °C / 179.6 °F	
Flash point	No data available	ASTM D 4359
Evaporation rate	7.7	Butyl acetate = 1
Flammability (solid, gas)	No data available	
Flammability Limit in Air		
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	33 mmHg @ 68°F	
Vapor density	>1	Air = 1
Relative density	1.44	
Water solubility	Partially soluble	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
Particle characteristics		
Particle Size	No data available	
Particle Size Distribution	No data available	

Other information

Explosive properties	No information available
Oxidizing properties	No information available
Softening point	No information available
Molecular weight	No information available
VOC content	<15%
Density	No information available
Bulk density	No information available

**10. Stability and reactivity**

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	Carbon oxides. Aldehydes. Carboxylic acids.

**11. Toxicological information**Information on likely routes of exposure**Product Information**

Inhalation	Specific test data for the substance or mixture is not available.
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<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Symptoms</b>	No information available.
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**Acute toxicity****Numerical measures of toxicity**

**The following ATE values have been calculated for the mixture**

<b>ATEmix (oral)</b>	4,933.60 mg/kg
<b>ATEmix (dermal)</b>	7,066.30 mg/kg
<b>ATEmix (inhalation-gas)</b>	99,999.00 ppm
<b>ATEmix (inhalation-vapor)</b>	1,335.4314 mg/l
<b>ATEmix (inhalation-dust/mist)</b>	751.10 mg/l

1.089 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

12.439 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

38.42 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

37 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

27.07 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
KAOLIN 1332-58-7	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rat )	-
ETHANOL 64-17-5	= 7060 mg/kg ( Rat )	-	= 116.9 mg/L ( Rat ) 4 h = 133.8 mg/L ( Rat ) 4 h
2-PROPANOL 67-63-0	5050 mg/kg	12800 mg/kg	> 10000 ppm ( Rat ) 6 h
TITANIUM DIOXIDE 13463-67-7	> 2000 mg/kg ( Rat )	-	> 5.09 mg/L ( Rat ) 4 h
METHANOL 67-56-1	= 6200 mg/kg ( Rat )	= 15840 mg/kg ( Rabbit )	= 22500 ppm ( Rat ) 8 h
METHYL ISOBUTYL KETONE 108-10-1	= 2080 mg/kg ( Rat )	= 3000 mg/kg ( Rabbit )	2000 - 4000 ppm ( Rat ) 4 h

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	No information available.
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<b>Serious eye damage/eye irritation</b>	No information available.
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<b>Respiratory or skin sensitization</b>	No information available.
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<b>Germ cell mutagenicity</b>	No information available.
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<b>Carcinogenicity</b>	Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.
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The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
KAOLIN 1332-58-7	A4 - Not Classifiable as a Human Carcinogen	-	-	-
ETHANOL	A3 - Confirmed Animal	Group 1 - Carcinogenic	Known Human	Present

64-17-5	Carcinogen with Unknown Relevance to Humans	to humans	Carcinogen	
2-PROPANOL 67-63-0	A4 - Not Classifiable as a Human Carcinogen	-	-	-
TITANIUM DIOXIDE 13463-67-7	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans	Group 2B - Possibly carcinogenic to humans	-	Present
CRYSTALLINE SILICA 14808-60-7	A2 - Suspected Human Carcinogen	Group 1 - Carcinogenic to humans	Known Human Carcinogen	Present
METHYL ISOBUTYL KETONE 108-10-1	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans	Group 2B - Possibly carcinogenic to humans	-	Present

**Legend****ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected human carcinogen

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to humans

Group 2B - Possibly carcinogenic to humans

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**Occupational Safety and Health Administration of the US Department of Labor**

X - Present

**Reproductive toxicity** No information available.**STOT - single exposure** No information available.**STOT - repeated exposure** No information available.**Aspiration hazard** No information available.**12. Ecological information****Ecotoxicity** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
ETHANOL 64-17-5	-	LC50: 12.0 - 16.0mL/L (96h, <i>Oncorhynchus mykiss</i> ) LC50: >100mg/L (96h, <i>Pimephales promelas</i> ) LC50: 13400 - 15100mg/L (96h, <i>Pimephales promelas</i> )	-	LC50: 9268 - 14221mg/L (48h, <i>Daphnia magna</i> ) EC50: =2mg/L (48h, <i>Daphnia magna</i> )
2-PROPANOL 67-63-0	EC50: >1000mg/L (96h, <i>Desmodesmus subspicatus</i> ) EC50: >1000mg/L (72h, <i>Desmodesmus subspicatus</i> )	LC50: =9640mg/L (96h, <i>Pimephales promelas</i> ) LC50: =11130mg/L (96h, <i>Pimephales promelas</i> ) LC50: >1400000µg/L (96h, <i>Lepomis macrochirus</i> )	-	EC50: =13299mg/L (48h, <i>Daphnia magna</i> )
METHANOL	-	LC50: =28200mg/L	-	-

67-56-1		(96h, Pimephales promelas) LC50: >100mg/L (96h, Pimephales promelas) LC50: 19500 - 20700mg/L (96h, Oncorhynchus mykiss) LC50: 18 - 20mL/L (96h, Oncorhynchus mykiss) LC50: 13500 - 17600mg/L (96h, Lepomis macrochirus)		
METHYL ISOBUTYL KETONE 108-10-1	EC50: =400mg/L (96h, Pseudokirchneriella subcapitata)	LC50: 496 - 514mg/L (96h, Pimephales promelas)	-	EC50: =170mg/L (48h, Daphnia magna)

**Persistence and degradability** No information available.

#### Bioaccumulation

#### Component Information

Chemical name	Partition coefficient
ETHANOL 64-17-5	-0.35
2-PROPANOL 67-63-0	0.05
METHANOL 67-56-1	-0.77
METHYL ISOBUTYL KETONE 108-10-1	1.9

**Other adverse effects** No information available.

### 13. Disposal considerations

#### Waste treatment methods

<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated packaging</b>	Do not reuse empty containers.
<b>US EPA Waste Number</b>	Waste designations and classifications should be determined by the end user based on the application for which the product was used.

### 14. Transport information

<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>MEX</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG</b>	Not regulated

## 15. Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

#### International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Not determined
IECSC	Complies
KECI	Complies
PICCS	Complies
AICS	Complies
NZIoC	Complies

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing Chemicals Inventory

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

#### US Federal Regulations

##### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	SARA 313 - Threshold Values %
2-PROPANOL - 67-63-0	1.0
METHYL ISOBUTYL KETONE - 108-10-1	0.1

##### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

##### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

##### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
METHANOL 67-56-1	5000 lb / kg (final RQ)	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

METHYL ISOBUTYL KETONE 108-10-1	5000 lb / kg (final RQ)	-	RQ 5000 lb final RQ RQ 2270 kg final RQ
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### US State Regulations

#### **California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical name	California Proposition 65
ETHANOL - 64-17-5	*Developmental (in alcoholic beverages)
TITANIUM DIOXIDE - 13463-67-7	*Carcinogen (airborne, unbound particles of respirable size)
CRYSTALLINE SILICA - 14808-60-7	*Carcinogen
METHANOL - 67-56-1	Developmental
METHYL ISOBUTYL KETONE - 108-10-1	Carcinogen Developmental

Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage \*The asterisked chemical(s) listed are not subject to Proposition 65 because they are not airborne in the finished product

### U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
KAOLIN 1332-58-7	X	X	X
ETHANOL 64-17-5	X	X	X
2-PROPANOL 67-63-0	X	X	X
WATER 7732-18-5	-	-	X
TITANIUM DIOXIDE 13463-67-7	X	X	X
CRYSTALLINE SILICA 14808-60-7	X	X	X
METHANOL 67-56-1	X	X	X
IRON OXIDE 1332-37-2	-	X	-
METHYL ISOBUTYL KETONE 108-10-1	X	X	X

### U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

### **16. Other information**

<b>NFPA</b>	<b>Health hazards 0</b>	<b>Flammability 0</b>	<b>Instability 0</b>	<b>Special hazards -</b>
<b>HMIS</b>	<b>Health hazards *</b>	<b>Flammability 0</b>	<b>Physical hazards 0</b>	<b>Personal protection X</b>

Chronic Hazard Star Legend

\* = Chronic Health Hazard

### **Key or legend to abbreviations and acronyms used in the safety data sheet**

#### **Legend**

SVHC: Substances of Very High Concern for Authorization:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate

LC50: 50% Lethal Concentration

LD50: 50% Lethal Dose

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitizers		

**Key literature references and sources for data used to compile the SDS**

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
U.S. Environmental Protection Agency  
Acute Exposure Guideline Level(s) (AEGL(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan National Institute of Technology and Evaluation (NITE)  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications  
International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program  
International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set  
United Nations World Health Organization (WHO)

**Revision Date** 25-Nov-2025

**Revision Note** No information available.

**Disclaimer**

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