

KIMTECH PURE* W4 Pre-Sat Wipers

Version 1.0 Revision Date: 07/30/2024 SDS Number: 100000001004 Date of last issue: -
Date of first issue: 07/30/2024

SECTION 1. IDENTIFICATION

Product name : KIMTECH PURE* W4 Pre-Sat Wipers
Product code : 06070

Manufacturer or supplier's details

Company name of supplier : Kimberly-Clark Corporation

Address : 1400 Holcomb Bridge Road
Roswell
30076-2199
USA

Telephone : 1-888-346-4652

Emergency telephone number : 1-877-561-6587

Transport Emergency : CHEMTREC: 1-800-424-9300

E-mail address Responsible/issuing person : sdscontact@kcc.com

Recommended use of the chemical and restrictions on use

Restrictions on use : For professional users only.

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

Flammable liquids : Category 3

Eye irritation : Category 2A

Specific target organ toxicity - single exposure : Category 3

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H226 Flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements : **Prevention:**
P210 Keep away from heat/sparks/open flames/hot surfaces.
No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.

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P241 Use explosion-proof electrical/ ventilating/ lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ eye protection/ face protection.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P271 Use only outdoors or in a well-ventilated area.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
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.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture
Chemical nature : Alcoholic solution

Components

Chemical name	CAS-No.	Concentration (% w/w)
propan-2-ol	67-63-0	>= 70 - < 90

SECTION 4. FIRST AID MEASURES

General advice : Show this safety data sheet to the doctor in attendance.
If inhaled : If symptoms persist, call a physician.
In case of skin contact : Not required under normal use.
Get medical attention if irritation develops and persists.
In case of eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
If swallowed : Not required under normal use.
Most important symptoms and effects, both acute and delayed : None known.

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Notes to physician : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical

Unsuitable extinguishing media : Do NOT use water jet.

Specific hazards during fire-fighting : Fire Hazard

Hazardous combustion products : Carbon oxides

Further information : Use water spray to cool unopened containers.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation.
Remove all sources of ignition.

Environmental precautions : Prevent product from entering drains.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Keep away from open flames, hot surfaces and sources of ignition.

Advice on safe handling : Use only with adequate ventilation.

Conditions for safe storage : Keep containers tightly closed in a dry, cool and well-ventilated place.

Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
propan-2-ol	67-63-0	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		TWA	400 ppm 980 mg/m ³	OSHA Z-1
		TWA	400 ppm 980 mg/m ³	OSHA P0

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		STEL	500 ppm 1,225 mg/m ³	OSHA P0
		TWA	400 ppm 980 mg/m ³	NIOSH REL
		ST	500 ppm 1,225 mg/m ³	NIOSH REL

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sam-pling time	Permissible concentra-tion	Basis
propan-2-ol	67-63-0	Acetone	Urine	End of shift at end of work-week	40 mg/l	ACGIH BEI

Engineering measures : none

Personal protective equipment

Respiratory protection : Self-contained breathing apparatus (EN 133)
Hand protection

Remarks : Gloves
Eye protection : Safety glasses
Skin and body protection : Flame-resistant clothing
Protective measures : No special protective equipment required.
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and immediately after handling the product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid absorbed by inert carrier material
Colour : White
Odour : alcohol-like
pH : Not applicable
Melting point/range : Not applicable
Boiling point/boiling range : > 95 °F / > 35 °C
Flash point : 77 °F / 25 °C
Evaporation rate : No data available
Burning rate : No data available
Upper explosion limit / Upper flammability limit : 12.7 %(V)

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Lower explosion limit / Lower flammability limit	:	2.0 %(V)
Vapour pressure	:	No data available
Relative vapour density	:	2.1 (Air = 1.0)
Density	:	No data available
Bulk density	:	No data available
Solubility(ies)		
Water solubility	:	completely soluble
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Flow time	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Stable under recommended storage conditions.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	Hazardous polymerisation does not occur.
Conditions to avoid	:	Heat, flames and sparks.
Incompatible materials	:	Strong acids and strong bases
Hazardous decomposition products	:	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Skin contact

Acute toxicity**Components:****propan-2-ol:**

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Acute oral toxicity : LD50 Oral (Rat): 5,840 mg/kg
Method: OECD Test Guideline 401
GLP: no
Remarks: See User Free Text

LD50 Oral (Rat): 1,870 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): > 10000 ppm
Exposure time: 6 h
Test atmosphere: vapour
Method: OECD Test Guideline 403
GLP: yes

LC50 (Rat): 72,600 mg/m3
Exposure time: 4 h

Acute dermal toxicity : LD50 Dermal (Rabbit): 12,800 mg/kg
Method: OECD Test Guideline 402
GLP: no
Remarks: See User Free Text

LD50 Dermal (Rabbit): 4,059 mg/kg

Skin corrosion/irritation**Product:**

Result : No skin irritation

Components:**propan-2-ol:**

Species : Rabbit
Exposure time : 4 hrs
Method : No information available.
Result : No skin irritation
GLP : no
Remarks : See User Free Text

Serious eye damage/eye irritation**Product:**

Remarks : Contact with eyes may cause irritation.

Components:**propan-2-ol:**

Species : Rabbit
Result : Irritating to eyes.
Method : OECD Test Guideline 405
GLP : no

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Respiratory or skin sensitisation**Product:**

Remarks : No data available

Germ cell mutagenicity**Product:**

Germ cell mutagenicity - Assessment : Contains no ingredient listed as a mutagen

Carcinogenicity**Product:**

Carcinogenicity - Assessment : Contains no ingredient listed as a carcinogen

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity**Product:**

Reproductive toxicity - Assessment : Contains no ingredient listed as toxic to reproduction

STOT - single exposure**Product:**

Remarks : No data available

STOT - repeated exposure**Product:**

Remarks : No data available

Further information**Product:**

Remarks : No data available

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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish :
Remarks: No information available.

Toxicity to daphnia and other :
aquatic invertebrates : Remarks: No information available.

Toxicity to algae/aquatic :
plants : Remarks: No information available.

Components:

propan-2-ol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 10,000 mg/l
End point: mortality
Exposure time: 96 h
Test Type: flow-through test
Analytical monitoring: yes
Method: OECD Test Guideline 203
GLP: no

LC50 (Pimephales promelas (fathead minnow)): 11,130 mg/l
Exposure time: 96 h
Test Type: static test

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 9,714 mg/l
aquatic invertebrates : Exposure time: 24 h
Test Type: static test
Method: OECD Test Guideline 202
GLP: no

EC50 (Daphnia magna (Water flea)): 13,299 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic : EC10 (Scenedesmus quadricauda (Green algae)): 1,800 mg/l
plants : End point: See User Free Text
Exposure time: 168 h
Test Type: static test
Analytical monitoring: no
Method: See User Free Text
GLP: no

EC50 (Desmodesmus subspicatus (green algae)): > 1,000 mg/l
Exposure time: 96 h

EC50 (Desmodesmus subspicatus (green algae)): > 1,000 mg/l
Exposure time: 72 h

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Persistence and degradability

Product:

Biodegradability : Remarks: No information available.

Components:

propan-2-ol:

Biodegradability : aerobic
 Inoculum: activated sludge, adapted
 Chemical oxygen demand
 Biodegradation: 53 %
 Exposure time: 5 d
 Remarks: Readily biodegradable, according to appropriate OECD test.

Bioaccumulative potential

Components:

propan-2-ol:

Bioaccumulation : Remarks: No bioaccumulation is to be expected (log Pow <= 4).

Mobility in soil

Product:

Mobility : Remarks: No information available.

Components:

propan-2-ol:

Stability in soil : Remarks: Adsorbs on soil.

Other adverse effects

Product:

Results of PBT and vPvB assessment : Remarks: Based on available data, the classification criteria are not met.

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
 Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : There is no data available for this product.

Components:

propan-2-ol:

Results of PBT and vPvB : This substance is not considered to be persistent, bioaccumu-

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Labels	:	FLAMMABLE SOLID
ERG Code	:	133
Marine pollutant	:	no

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

propan-2-ol	67-63-0	70 %
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Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

propan-2-ol	67-63-0	>= 70 - < 90 %
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Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations**Massachusetts Right To Know**

propan-2-ol	67-63-0
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Pennsylvania Right To Know

propan-2-ol	67-63-0
Water	7732-18-5

Maine Chemicals of High Concern

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This product does not contain any chemicals that are listed as Maine Chemicals of High Concern.

New Jersey Right To Know

propan-2-ol	67-63-0
Water	7732-18-5

New York City Hazardous Substances

propan-2-ol	67-63-0
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California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

California List of Hazardous Substances

propan-2-ol	67-63-0
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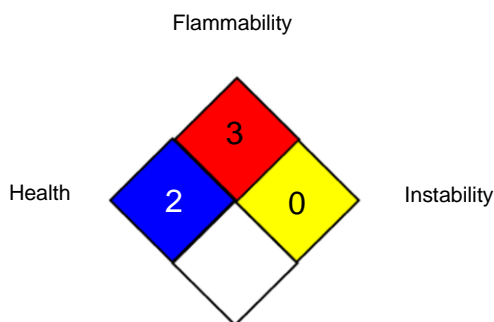
California Permissible Exposure Limits for Chemical Contaminants

propan-2-ol	67-63-0
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SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:

HEALTH		2
FLAMMABILITY		3
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
ACGIH BEI	:	ACGIH - Biological Exposure Indices (BEI)
NIOSH REL	:	USA. NIOSH Recommended Exposure Limits
OSHA P0	:	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
OSHA Z-1	:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
ACGIH / TWA	:	8-hour, time-weighted average
ACGIH / STEL	:	Short-term exposure limit
NIOSH REL / TWA	:	Time-weighted average concentration for up to a 10-hour

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NIOSH REL / ST	:	workday during a 40-hour workweek STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
OSHA P0 / TWA	:	8-hour time weighted average
OSHA P0 / STEL	:	Short-term exposure limit
OSHA Z-1 / TWA	:	8-hour time weighted average

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

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