

## 1: Identification

*GHS Product identifier* tb Minuteman Lite Alcohol Wipes  
*Other means of identification* Isopropanol, IPA  
*Recommended use of the chemical and restrictions on use*  
General purpose solvent. Use in accordance with manufacturer's instructions.  
*Supplier's identifier* maxill inc., 80 Elm Street, St. Thomas, Ontario, N5R 6C8, CANADA, 1-800-268-8633  
maxill inc., 500 West Main Street, Cortland, OH, 44410, USA, 1-800-268-8633  
*Emergency phone number* Velocity EHS Emergency Response Services  
Canada & US: 1-800-255-3924, International: +1-813-248-0585

## 2: Hazard identification

*Classification of the substance or mixture* Flammable liquids Category 2  
Serious eye damage/eye irritation Category 2A  
Specific target organ toxicity (single exposure) Category 3 narcotic effects

*GHS label elements, including precautionary statements*



*Signal word* Danger  
*Hazard statement* Highly flammable liquid and vapor. Causes serious eye irritation. May cause drowsiness or dizziness.  
*Prevention* Keep away from heat, sparks, open flames, hot surfaces and other ignition sources - No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical and ventilating equipment. Use non-sparking tools. Take action to prevent static discharge. Avoid breathing mist, vapors, spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves and eye protection.  
*Response* IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical help. In case of fire: Use appropriate media to extinguish.  
*Storage* Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.  
*Disposal* Dispose of contents/container in accordance with local/regional/national/international regulations.

*Other hazards which do not result in classification* None known.

## 3: Composition/information on ingredients

### Mixtures

<u>Chemical name</u>	<u>CAS number</u>	<u>Percent (w/w)</u>
Isopropyl alcohol	67-63-0	60 - 80

#### 4: First-aid measures

##### *Description of necessary first-aid measures*

**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.

**Skin contact** Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Ingestion** Rinse mouth. Get medical help if symptoms occur. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical help if you feel unwell.

##### *Most important symptoms/effects, acute and delayed*

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

##### *Indication of immediate medical attention and special treatment needed, if necessary*

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation.

#### 5: Fire-fighting measures

**Suitable extinguishing media** Water fog. Alcohol resistant foam. Dry chemical powder.

##### *Specific hazards arising from the chemical*

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed. Combustion products may include: carbon oxides.

##### *Special protective equipment and precautions for fire-fighters*

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

#### 6: Accidental release measures

##### *Personal precautions, protective equipment and emergency procedures*

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors/spray. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS

**Environmental precautions** Avoid discharge into drains, water courses or onto the ground.

##### *Methods and materials for containment and cleaning up*

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This product is miscible in water. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water. Small Spills: Absorb with earth, and or other non-combustible material and transfer to containers for later disposal.

Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

**7: Handling and storage**

*Precautions for safe handling*

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not taste or swallow. Avoid contact with eyes. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

*Conditions for safe storage, including any incompatibilities*

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

**8: Exposure controls/personal protection**

*Control parameters*

**Occupational exposure limits**

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Components	Type	Value
Isopropyl alcohol (CAS 67-63-0)	PEL	980 mg/m <sup>3</sup>
		400 ppm

**US. ACGIH Threshold Limit Values**

Components	Type	Value
Isopropyl alcohol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value
Isopropyl alcohol (CAS 67-63-0)	STEL	1225 mg/m <sup>3</sup>
		500 ppm
	TWA	980 mg/m <sup>3</sup>
		400 ppm

*Appropriate engineering controls*

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

*Individual protection measures, such as personal protective equipment (PPE)*

- Eye/face protection      Chemical goggles are recommended.
- Skin (hand) protection    Wear appropriate chemical resistant gloves. Nitrile, butyl rubber or neoprene gloves are recommended. Other suitable gloves can be recommended by the glove supplier. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.
- Skin (general) protection Wear appropriate chemical resistant clothing.
- Respiratory protection    If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Respirator type: Chemical respirator with organic vapor cartridge.
- Thermal hazards            Wear appropriate thermal protective clothing, when necessary.

9: Physical and chemical properties and safety characteristics

Physical state	Liquid saturated wipes roll
Colour	Clear, colourless
Odour	Alcohol-like
Melting point / freezing point	-89°C
Boiling point	83°C
Flammability	Flammable
Lower and upper explosion limit / flammability limit	2% v/v & 12.7% v/v respectively for isopropyl alcohol
Flash point	12 – 21°C
Auto-ignition temperature	399°C
Decomposition temperature	Information not available (N/Av)
pH	N/Av
Kinematic viscosity	N/Av
Solubility	Soluble
Partition coefficient: <i>n</i> -octanol/water (log value)	N/Av
Vapour pressure	43.2 hPa for isopropyl alcohol @20°C
Density or specific gravity	0.87 g/mL
Relative vapour density	2.1 for isopropyl alcohol
Particle characteristics	Not applicable

10: Stability and reactivity

- Reactivity*                The product is stable and non-reactive under normal conditions of use, storage and transport.
- Chemical stability*        Material is stable under normal conditions.
- Possibility of hazardous reactions*      No dangerous reaction is known under conditions of normal use.
- Conditions to avoid*      Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Avoid direct light. Contact with incompatible materials.
- Incompatible materials*      Acids. Strong oxidizing agents. Chlorine. Isocyanates.
- Hazardous decomposition products*      No hazardous decomposition products are known.

11: Toxicological information



## 12: Ecological information

### Toxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### Persistence and degradability

No data is available on the degradability of any ingredients in the mixture.

### Bioaccumulative potential

Partition coefficient n-octanol / water (log  $K_{ow}$ )

Isopropyl alcohol (CAS 67-63-0) 0.05

Mobility in soil Expected to be mobile in soil.

### Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13: Disposal considerations

### Disposal methods

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Dispose of contents/ container in accordance with local/regional/national/international regulations.

Empty containers may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14: Transport information

TDG

<i>UN Number</i>	UN3175
<i>UN Proper Shipping Name</i>	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropanol)
<i>Transport hazard class(es)</i>	Class 4,
<i>Subsidiary risk</i>	Not applicable.
<i>Packing group</i>	II
<i>Environmental hazards</i>	No
<i>Special precautions for user</i>	Read instructions, SDS and emergency procedures before handling.
<i>Transport in bulk according to IMO instruments</i>	Not applicable.

## 15: Regulatory information

### Safety, health and environmental regulations specific for the product in question

#### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).  
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16: Other information**

*Disclaimer*

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

*Issue date*            2024-04-10

*Effective date*    2024-04-10



SAFETY DATA SHEET  
tb Minuteman Lite Alcohol Wipes