

Infosafe No™ VAR8U	Issue Date : October 2024	ISSUED by MILESTON
Product Name INVISIGLOVE		

Section 1 - Identification

Product Identifier INVISIGLOVE

Company Name Milestone Chemicals Pty. Ltd. (ABN 85115166357)

Address 115 Northern Road West Heidelberg
VIC 3081 AUSTRALIA

Telephone/Fax Number Tel: (03) 9450 4555
Fax: (03) 9457 5518

Emergency Phone Number (03) 9450 4555 Mon-Fri 8am - 6pm

Recommended use of the chemical and restrictions on use Non-toxic, liquid no rinse hand sanitiser.

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture Eye damage/irritation: Category 2A
Flammable liquids: Category 2
Specific target organ toxicity (single exposure): Category 3 (Narcotic)

Signal Word DANGER

Hazard Statement (s) H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Pictogram (s) Exclamation mark, Flame



Precautionary Statement – Prevention P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P243 Take action to prevent static discharges.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash contaminated skin thoroughly after handling.
P280(f) Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement – Response P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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 POISON CENTER/doctor if you feel unwell.
P337+P313 If eye irritation persists: Get medical advice/attention.
P370+P378 In case of fire: Use carbon dioxide, dry chemical, foam, water fog or water mist to extinguish.

Precautionary Statement – Storage 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.

Precautionary Statement – Disposal P501 Dispose of contents/container: Recycle packaging by replacing cap and returning clean containers to recycler or designated collection point.

Precautionary Statement – General P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.

Section 3 - Composition and Information on Ingredients

Ingredients	Name	CAS	Proportion
	Ethanol	64-17-5	70 %

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Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Other ingredients determined not to be hazardous, including water	N/A	to 100%

Section 4 - First Aid Measures

Inhalation	Remove victim to fresh air. Apply resuscitation if victim is not breathing - Administer oxygen if breathing is difficult. Transport to hospital or doctor immediately.
Ingestion	If swallowed, DO NOT induce vomiting. Give a glass of water to be taken slowly. Seek urgent medical assistance.
Skin	Material is regarded as beneficial to the skin, and is not a concern. In the case of some extremely sensitive individuals who may develop an irritation, thoroughly wash skin with soap and water and discontinue use.
Eye	If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. Immediately see a doctor.
First Aid Facilities	Eye wash station and normal washroom facilities.
Advice to Doctor	Treat symptomatically. Material is a concentrated alcoholic liquid.

Section 5 - Firefighting Measures

Suitable Extinguishing Media	Use dry chemical, carbon dioxide or foam.
Hazards from Combustion Products	Carbon dioxide, water vapour. Incomplete combustion may generate carbon monoxide.
Special Protective Equipment for Firefighters	Self-contained breathing apparatus (SCBA) required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel. Avoid spreading burning liquid with water used for cooling fire exposed containers when using water spray, boil-over may occur when the product temperature reaches the boiling point of water.
Specific Hazards Arising from the Chemical	Flammable liquid, flash point 20 °C. Vapour/air mixture may be flammable or explosive. Avoid all sources of ignition, heat and naked flames. Ethanol flames may not be readily visible. Contact with oxidising agents may cause fire. Contact with alkali metals or aluminium may generate hydrogen, a flammable gas. Heat of reaction may be sufficient to cause fire.
Hazchem Code	3[Y]E
Other Information	Vapours from this product may travel or be moved by air currents and be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharge or other ignition sources at locations distant from the point of handling.

Section 6 - Accidental Release Measures

Emergency Procedures	Keep unnecessary people away; Isolate hazard area and deny entry. Stay upwind; Keep out of low areas. Do not walk or touch spilt material unless wearing personal protection as outlined under MSDS.
Spills & Disposal	Shut off ignition sources, no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapour; but it may not prevent ignition in closed spaces. SMALL SPILLS: Take up with sand, dirt or vermiculite. DO NOT use sawdust. Use non-sparking tools or HEPA vacuum system. Place into labeled drum(s) for later disposal. LARGE SPILLS: Notify Emergency Services (Police or Fire Brigade). Tell them exact location, nature, hazards, quantities, type of vehicle and any other information that would be helpful. Contain spill. Remove all ignition sources and safely stop flow of spill. Bund area. Trained personnel should wear Personal Protective equipment as highlighted in this MSDS. Blanket the spill with foam or use water fog to disperse vapour

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clouds. Consult an expert regarding disposal of this product.

Section 7 - Handling and Storage

Conditions for safe storage, including any incompatibilities Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition, strong alkalis, acids, combustibles and oxidizing agents. All equipment must be earthed. Store in original packages as approved by manufacturer. For further information please refer to the Engineering Controls of this MSDS.

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limit (OEL) Values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Ethanol			1000		ACGIH TWA
Engineering Controls	Highly flammable liquid. Maintain adequate ventilation at all times. Prevent accumulation of vapours in hollows or sumps. Eliminate any sources of ignition. Elevated temperature or mechanical action may form vapours, mists or fumes which may require local exhaust ventilation systems.					
Personal Protective Equipment	Avoid breathing the vapour. Avoid contact with the eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- PVC or rubber apron PVC or rubber gloves Chemical goggles or faceshield Select and use respirators in accordance with AS/NZS 1715/1716. When gases/vapours exceed the exposure standards then the use of a half-face respirator with organic vapour cartridge is recommended. For high concentration use an atmosphere-supplied, positive pressure demand self-contained or airline breathing apparatus, complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.					

Section 9 - Physical and Chemical Properties

Form	Liquid
Appearance	Clear, thick gel
Odour	Alcoholic odour.
Boiling Point	approx. 80C
Solubility in Water	Miscible with water in all proportions.
Specific Gravity	0.9
pH	6-7
Vapour Pressure	59 hPa @ 20 °C
Relative Vapour Density (Air=1)	1.59 (Air = 1)
Evaporation Rate	2.53 (n-Butyl acetate = 1)
Flash Point	20 °C Closed cup.
Flammability	Flammable liquid, flash point 20 °C. Vapour/air mixture may be flammable. Ethanol flames may not be readily visible.
Auto-ignition Temperature	425 °C (ethanol)
Flammable Limits - Lower	3-5%

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Flammable Limits - Upper 15-20%

Section 10 - Stability and Reactivity

Chemical Stability Stable under normal use conditons.

Possibility of Hazardous Reactions Contact with alkali metals or aluminium may generate hydrogen, a flammable gas.

Conditions to Avoid Heat, flames, ignition sources and incompatibles.

Incompatible Materials Chlorates, perchlorates, chromates, dichromates, nitrates and other oxidizing agents.

Hazardous Decomposition Products Emits oxides of carbon when heated to decomposition.

Section 11 - Toxicological Information

Toxicology Information No adverse health effects are expected, if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

Acute Toxicity - Oral LC50 (Inhalation): 2000 ppm/10hours (rat).
LD50 (Ingestion): 3450 mg/kg (mouse).

Ingestion Bitter taste. May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

Inhalation May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination. When used in small quantities as a hand sanitiser, harmful effects are unlikely to occur.

Skin May cause irritation to the skin, with effects including; Redness and itchiness.

Eye May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Chronic Effects Chronic effects are unlikely to occur. In case of irritation, discontinue use until condition subsides.

Section 12 - Ecological Information

Ecotoxicity May be harmful to the aquatic environment in extremely large amounts.

Persistence and Degradability Readily Biodegradable.

Mobility Gel which melts at warmer temperatures and is readily diluted with water.

Environmental Protection Avoid contaminating waterways, drains, sewers, or ground.

Section 13 - Disposal Considerations

Waste Disposal Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Advise flammable nature. Normally suitable for disposal by approved waste disposal agent.

Section 14 - Transport Information

Transport Information Classified as a Class 3 Dangerous Good. Dangerous Goods of Class 3 Flammable Liquids, are incompatible in a placard load with any of the following: - Class 1, Class 2.1, if both the Class 3 and Class 2.1, dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the Class 3 dangerous goods are nitromethane and Class 7.

ADG UN Number 1987

ADG Proper Shipping Name ALCOHOLS, N.O.S.

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ADG Transport Hazard Class 3
ADG Packing Group II
Hazchem Code 3[Y]E
EPG Number 3A1
IERG Number 14

Section 15 - Regulatory Information

Poisons Schedule Not Scheduled
Australia (AICS/AIIC) All components listed.

Section 16 - Any Other Relevant Information

Date of Preparation 4/10/2024

Literature References Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons
Australian Code for the Transport of Dangerous Goods by Road & Rail
Globally Harmonised System of classification and labelling of chemicals GHS7

Signature of Preparer/Data Service Technical manager Tel: (03) 9450 4555

Technical Contact Numbers Emergency Advice All Hours:
Chief Chemist Tel: (03) 9450 4555 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs

Other Information This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.
...End Of MSDS...

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