

Isopropyl Alcohol

Safety Data Sheet

28th January 2021

CLASSIFICATION OF MATERIAL

Classified as Hazardous Chemical according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 4th Revised Edition

1. IDENTIFICATION OF THE PRODUCT & SUPPLIER

1.1	Product Name:	Global Colours Isopropyl Alcohol
1.2	Product Codes:	BASANITxx, KHF70xx, KHF80xx, KHG70xx, KHG80xx, KHS70xx, KHS75xx & KIPAx
1.3	Recommended Use:	Various
1.4	Supplier Name:	Milhaus Australia Pty. Limited T/as Global Colours
1.5	A.B.N:	86 059 324 168
1.6	A.C.N:	059 324 168
1.7	Address:	48-52 Sydenham Road, Marrickville NSW 2204, Sydney Australia
1.8	Telephone Number:	+61 (0)2 9565 2222
1.9	Website:	www.globalcolours.com
1.10	Email:	admin@globalcolours.com
1.11	Emergency Telephone Numbers:	Poisons Information Centre Australia: 13 11 26 Poisons Information Centre New Zealand: 0800 764 766

2. HAZARDS IDENTIFICATION

2.1	Hazard Classification:	HAZARDOUS CHEMICAL. DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code
2.2	GHS Classification :	Flammable Liquid Category 2, Eye Irritation Category 2A
2.3	Prevention Statements:	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P102 Keep out of reach of children P103 Read label before use P104 Read Safety Data Sheet before use
2.4	Hazard Statements:	H225 Highly flammable liquid and vapour H319 Causes serious eye irritation H336 May cause drowsiness or dizziness
2.5	Response Statements:	P305+P351+P338+P337+P313 - 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 advice / attention. P370+P378 In case of fire: Use alcohol resistant foam or normal protein foam for extinction
2.6	Storage Statements:	P403+P233 Store in a well-ventilated place. Keep container tightly closed. P410+P235 Protect from sunlight. Keep cool.
2.7	Disposal Statements:	P501 Dispose of waste material into usual household waste. Large amounts of waste should be disposed of through a licensed contractor or facility. Dispose of contents / container in accordance with local government regulations.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	% w/w
Isopropyl Alcohol	67-63-0	100
Ingredients not determined to be hazardous		Balance to 100

4. FIRST AID MEASURES**4.1 Description of Necessary First Aid Measures**

Ingestion:

If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. If in doubt, contact a Poisons Information Centre or a doctor

Eyes:

Immediately hold the eyes open and wash with fresh running water. Ensure complete irrigation of the eye by keeping the eyelids apart and away from the eye and moving the eyelids by occasionally lifting the upper and lower lids. If pain persists or recurs, seek medical attention.

Skin:

Not applicable for normal use. If skin reaction or irritation occurs, discontinue use and seek medical attention.

Inhalation:

If fumes or combustion products are inhaled, remove to fresh air.

4.2 Medical Attention and Special Treatment

First Aid Facilities:

Treat Symptomatically

Comments:

Treat according to person's condition and specifics of exposure

Advice to Doctor:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Equipment:

Carbon dioxide, dry chemical powder, fog and foam may be used as extinguishing media

5.2 Specific Hazards Arising from the Chemical:

Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result

5.3 Special Protective Equipment and Precautions for Fire Fighters:

Alert Fire Brigade and tell them location and nature of hazard. May be violently or explosively reactive. Wear breathing apparatus plus protective gloves in the event of a fire. Prevent, by any means available, spillage from entering drains or water course. Consider evacuation (or protect in place). Fight fire from a safe distance, with adequate cover. If safe, switch off electrical equipment until vapour fire hazard removed. Use water delivered as a fine spray to control the fire and cool adjacent area. Avoid spraying water onto liquid pools. Do not approach containers suspected to be hot. Fire/Explosion Hazard: Liquid and vapour are highly flammable. Severe fire hazard when exposed to heat, flame and/or oxidisers. Vapour may travel a considerable distance to source of ignition. Heating may cause expansion or decomposition leading to violent rupture of containers. On combustion, may emit toxic fumes of carbon monoxide (CO), carbon dioxide (CO₂), silicon dioxide (SiO₂) and other pyrolysis products typical of burning organic material

6. ACCIDENTAL RELEASE MEASURES

6.1	Personal Precautions, Protective Equipment and Emergency Procedures:	Remove all ignition sources. NO SMOKING Clean up all spills immediately. Avoid breathing vapours and contact with eyes. Contain and absorb small quantities with vermiculite or other absorbent material. Wipe up. Collect residues in a flammable waste container
6.2	Environmental Precautions:	Do not allow large quantities to enter drains or surface waters.
6.3	Methods and Materials for Containment and Clean Up:	NO SMOKING, naked lights or ignition sources. May be violently or explosively reactive. Prevent, by any means available, spillage from entering drains or water course. Consider evacuation (or protect in place). Increase ventilation. Stop leak if safe to do so. Water spray or fog may be used to disperse /absorb vapour. Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handled. Recover product and dispose of waste according to Federal E.P.A, State and Local regulations. Wear protective equipment to prevent skin and eye contact. Do not flush into waterways, drains or sewers.

7. HANDLING & STORAGE

7.1	Personal Precautions, Protective Equipment and Emergency Procedures:	Containers, even those that have been emptied, may contain explosive vapours. Do NOT cut, drill, grind, weld or perform similar operations on or near containers. Use in a well-ventilated area. Prevent concentration in hollows and sumps. DO NOT enter confined spaces until atmosphere has been checked. Avoid smoking, naked lights, heat or ignition sources When handling DO NOT eat, drink or smoke. DO NOT take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
7.2	Environmental Precautions:	Store in original containers in approved flame-proof area. No smoking, naked lights, heat or ignition sources. DO NOT store in pits, depressions, basements or areas where vapours may be trapped. Keep containers securely sealed. Store away from incompatible materials in a cool, dry and well-ventilated area. Protect containers against physical damage and check regularly for leaks. Observe manufacturer's storage and handling recommendations contained within this SDS

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1	National Exposure Standards:	Australia Exposure Standards, Iso Propyl Alcohol, 1880 mg/m ³ / 1000 ppm
8.2	Biological Limit Values:	No biological limit allocated.
8.3	Engineering Controls:	Maintain adequate ventilation at all times.
8.4	Personal Protective Equipment:	Eye and Face Protection: Safety glasses as appropriate are recommended. Eye protection should conform to Australian/ New Zealand Standard AS/NZS 1337
8.5	Respiratory Protection	Avoid breathing vapours, ensure adequate ventilation. Wear respirator with organic/ammonia cartridge if applying by spray. All breathing equipment should comply with AS/NZS 1715/1716.

9. PHYSICAL DESCRIPTION AND CHEMICAL PROPERTIES

Appearance:	Colourless liquid
Odour:	Characteristic
pH:	5.5 – 6.5
Viscosity (cP @ 25 C):	Not available
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Boiling Point (°C):	Not available
Freezing Point (°C):	Not available
Melting Point (°C):	Not applicable
Solubility In Water	Soluble
Specific Gravity	0.785 g/ml
Flash Point (°C):	Not determined
Lower Explosive Limit (%):	Not applicable
Upper Explosive Limit (%):	Not applicable
Autoignition Temp (°C):	Not available
Decomposition Temp (°C):	Not available

10. STABILITY AND REACTIVITY

10.1	Reactivity:	See Section 7
10.2	Chemical Stability:	Unstable in the presence of incompatible materials. Product is considered stable. Hazardous polymerisation will not occur.
10.3	Conditions to Avoid:	See Section 7
10.4	Incompatible Materials and Possible Hazardous Reactions:	See Section 7
10.5	Hazardous Decomposition Products:	See Section 5

11. TOXICOLOGICAL INFORMATION

11.1	Likely Route of Exposure:	[X] Inhalation [] Skin contact [X] Ingestion
11.2	Health Effects from Likely Route of Exposure:	
	Acute Ingestion:	Accidental ingestion of the material may be damaging to the health of the individual
	Eye:	Discomforting to the eyes and is capable of causing a mild, temporary redness of the conjunctiva (similar to wind-burn). There is evidence that material may produce eye irritation in some persons and produce eye damage 24 hours or more after instillation. Severe inflammation may be expected with pain. Discomfort may last 2 days but usually the injury heals without treatment.
	Skin:	Skin contact is not thought to have harmful health effects (as classified under EC Directives); Entry into the bloodstream, though, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.
	Inhalation:	There is some evidence to suggest that the material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage
	Chronic Ingestion:	No known applicable information.
11.3	Other Information:	No known applicable information.

12. ECOLOGICAL INFORMATION

12.1	Ecotoxicity:	Not thought to be ecotoxic. No information Available
12.2	Persistence and Degradability:	Persistence: Water/Soil - LOW (Half-life = 2.17 days) Persistence: Air - LOW (Half-life = 5.08 days)
12.3	Bioaccumulation Potential:	LOW (LogKOW = -0.31)
12.4	Mobility in Soil:	HIGH (KOC = 1)
12.5	Other Adverse Effects:	

13. DISPOSAL CONSIDERATIONS

13.1	Disposal Method:	Single unit: Dispose of into landfill. Large amounts: Reclaim or dispose of in accordance with local, state and federal regulations.
13.2	Disposal of Contaminated Packaging:	Recycle containers whenever possible. Product residues and containers should be disposed of in accordance with local government regulations
13.3	Environmental Regulations:	

14. TRANSPORT INFORMATION

14.1	UN Number:	1219
14.2	UN Proper Shipping Name:	Iso Propyl Alcohol
14.3	Dangerous Goods Class:	Not applicable
	Packaging Group:	Not applicable
14.4	Environmental Hazards:	Not applicable
14.5	Special Precautions During Transport:	Not applicable
14.6	HAZCHEM Code:	Not applicable

Additional Shipping Information:

Road and Rail Transportation (ADG):	Classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) for transport by road and rail.
Marine Transport (IMO/IMDG):	Classified as a Dangerous Good according to the International Maritime Organization Rules (Maritime Dangerous Goods Code -IMDG Code) for transport by sea.
Air Transport (ICAO-IATA):	Classified as a Dangerous Good according to the International Civil Aviation Organization (ICAO) and International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. Note: May vary from country to country.

15. REGULATION INFORMATION

15.1	SUSDP Poisons Schedule:	None allocated.
15.2	Prohibition / Licensing Requirements:	There are no applicable prohibition or notification / licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.
15.3	Industrial Chemicals (Notification and Assessment) Act 1989:	Australia: All ingredients are listed on or exempt from the Australia Inventory of Chemical Substances (AICS). United States: (TSCA) All ingredients are on the inventory or exempt from listing.

16. OTHER INFORMATION

16.1	Issue Date:	28 th January 2020
16.2	Contact Points: Title/Position: Telephone: Email:	Head Chemist (Research & Development) +61 (0)2 9565 2222 admin@globalcolours.com
16.3	Emergency Medical Assistance: Telephone:	Poisons Information Centre Australia: 13 11 26. New Zealand: 0800 764 766
16.4	Allergies/Reactions:	Global Colours Liquid Latex does not contain egg, nuts, dairy, gluten or soy. All paint products can, on rare occasions cause allergic reactions. This product does not contain any animal derived ingredients

Disclaimer: The above information is accurate to the best of the knowledge available to us. However, since data, safety standards and Government regulations are subject to change, and the conditions of handling and use (or misuse) are beyond our control, we make no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaim all liability for reliance thereon. Users should satisfy themselves that they have all data relevant to their particular use. We make no warranty to any reactions due to any skin conditions.