

Whiteboard Cleaning Fluid



Safety Data Sheet (SDS)

Issue Date: 2022/06/06

Version: 1

Report Number: 3645_1

Section 1 Product and Company Identification

Product Name	Whiteboard Cleaning Fluid
Use	A chemical-based cleaning fluid for the removal of stains and dirt on Whiteboard, Chalkboard and office equipment
Restrictions on use	Use as per instructions only
Supplier / Manufacturer	Parrot Products (Pty) Ltd
Address	22 Cleveland Road Cleveland Johannesburg South Africa 2022
Telephone number	(+27) 10 404 900
E-mail	sales@parrotproducts.biz
SDS prepared by	Scibalab (Pty) Ltd
Telephone number	+27 (0)21 418 0325
Email address	enquiries@sci-ba.co.za
SDS preparation date	06/06/2022

EMERGENCY TELEPHONE NUMBER

(+27) 10 404 900

Material Overview	The product Whiteboard Cleaning Fluid consists of alcohol smelling clear, low viscous liquid that is stable at room temperature. The product can be safely handled with appropriate PPE.
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Section 2 Hazards Identified

Human health	
Eyes	Serious eye damage/eye irritation Category 2A
Skin	No information
Inhalation	Specific target organ toxicity (single exposure) Category 3
Effect of additional compounds formed	None
Hazard Statements	H225- Highly flammable liquid and vapour H319 - Causes serious eye irritation H335- May cause respiratory irritation
Precautionary Statements	P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking. P233 - Keep container tightly closed. P241 - Use explosion-proof electrical, lighting, ventilating equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P261 - Avoid breathing mist, vapours, spray. P264 - Wash exposed skin thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear eye protection, face protection, protective clothing, protective gloves. P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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Environmental effects	P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Specific hazard	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Personal Protection Equipment	Hazardous to the environment with long lasting effects. - Eye and face protection, skin protection and respiratory protection needed. See Section 8 for more information.

Section 3 Composition / Information on Ingredients

Nature of Material Mixture

Components	Formula	CAS number	Conc. (% g/g)
Isopropyl Alcohol	C ₃ H ₈ O	67-63-0	90-100

Section 4 First-aid Measures

Following inhalation	Remove person from exposure, proceed to fresh air and call physician if symptoms develop or persist. If breathing has stopped, then begin rescue breathing (using universal precautions) and CPR if heart has stopped and transfer promptly to a medical facility. There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.
Following skin contact	Remove contaminated clothing and wash skin with large amounts of fresh, running water. If irritation persists, seek medical attention.
Following eye contact	Remove contact lenses, if present and easy to do. Rinse with plenty of cold running water for 15 minutes, whilst keeping eyes open. Do not rub eyes. If irritation persists, seek medical attention. Corneal burns may occur. May cause permanent damage.
Following ingestion	Do not induce vomiting. Material is inert however it is highly adsorbent and could cause dehydration if large amounts are consumed, seek medical advice. Do not attempt to neutralise.

Section 5 Fire Fighting Measures

General Fire Hazards	Development of hazardous combustion gases or vapours possible in the event of a fire.
Suitable Extinguishing media	Water spray, dry powder, foam or carbon dioxide
Unsuitable extinguishing media	None
Hazardous Combustion products	Toxic fumes may form during combustion.
Precautions for fire-fighters	Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

Section 6 Accidental Release Measures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Control source of spillage if possible and safe to do so. Restrict access to
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Emergency procedure	the area until completion of clean-up. Avoid inhalation and contact with eyes and skin. Wash and change clothing following clean-up of a spill to prevent personal contamination. In case of spillage or fire, (1) evacuate personnel and secure/control entrance to area. (2) Eliminate all ignition sources. (3) Inform appropriate safety personnel.
Environmental precautions	Prevent run-off into drains and other water systems.
Clean-up Procedure	
Prohibited	Do not discard into the environment or down drains
Recovery	Don't recover, discard collected product
Cleaning/Decontamination	Use absorbent material (e.g. Chemizorb®)
Disposal	Wear appropriate personal protective equipment (PPE). Dispose of all contaminated material at an authorized site.

Section 7 Handling and Storage

Handling Procedures	
Safe handling measures	Observe label precautions. Avoid excessive heat, contact with acids, oxidisers and combustible materials. Avoid contact with skin and eyes. Wash hands after handling.
Hygiene measures	Respect the general rules for occupational hygiene including removing contaminated clothing after exiting handling areas, washing after shift, do not eat, smoke or drink in areas where chemicals are being handled, processed or stored. Wash hands carefully before eating, smoking, drinking, applying cosmetics or using the toilet.
Storage Procedures	
Recommended	Store in tightly closed original container (non-metal) in a dry, cool, and well-ventilated place away from acids, oxidisers and combustible materials.

Section 8 Exposure Controls and Personal Protection

Engineering Controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.
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OSHA exposure limit values (OEL)*

Component	Value	Control parameters	Form
Isopropyl Alcohol (67-63-0)	400 ppm	PEL-TWA	Liquid
ACGIH Threshold Limit Values			
Isopropyl Alcohol (67-63-0)	200 ppm	TLV-TWA	Liquid

PEL = Permissible Exposure Limits; TLV = Threshold Limit Value; EL = Excursion Limit; TWA = Time Weighted Average (8 hr); STEL = Short Term Exposure Limit (15 min.); WEEL = Workplace Environmental Exposure Level

Personal Protective Equipment

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Respiratory protection	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with recommended filter type of Filter B (DIN 3181) for inorganic gases and vapours.
Eye protection	Use equipment for eye protection tested and approved under appropriate government standards such as EN 166 (EU).
Skin and body protection	Handle with gloves. Gloves must be inspected prior to use. Proper glove removal technique (without touching glove's outer surface) to avoid skin contact with product. Dispose of contaminated gloves after use in accordance with applicable laws. Wash and dry hands. Full contact: Nitrile rubber gloves, 0.11 m thick with breakthrough >480 min Splash contact: Nitrile rubber gloves, 0.11 mm thick with breakthrough >480 min. The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374.
General	Sink/Eyewash fountain and safety shower is recommended. Do not smoke in work area.
Comments:	OEL and ACGIH limits are internationally accepted.

Section 9 Physical and chemical properties

Physical State	Liquid
Colour	Colourless
Odour	Alcohol odour
pH	5.93
Melting point	<0°C
Boiling point	91°C
Flash point	15
Auto-ignition Temperature	N/A
Flammability	Highly flammable
Decomposition Temperature	N/A
Pyrophoricity	Not pyrophoric
Oxidising properties	No information available.
Vapour pressure	No information available.
Vapour density	No information available.
Bulk relative density	801 g/cm ³ at 25°C
Solubility	Miscible in water soluble in ethanol
Dynamic viscosity	3.05 mPa.s
Radioactivity	No information available.

Section 10 Stability and Reactivity

Reactivity	Prolonged storage/in large quantities: may form peroxides..
Chemically Stable	Stable under normal temperature conditions and storage conditions.
Incompatibility with other substances	Reactions possible with strong alkalis, oxidising agents, strong reducing agents, amines, hydrogen fluoride acids
Anticipated hazardous decomposition products	Toxic fumes of CO _x ..

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Section 11 Toxicological Information

Health effects associated with ingredients

Trace elemental content

This metal content in this organic material is considered non-hazardous.

Component analysis -

LD_{50 oral rat}: 5000 mg/kg Equivalent or similar to OECD 401, Rat, experimental value, Oral, 14 day(s)

LD_{50 inhalation rat}: >10000 ppm (Equivalent or similar to OECD 403, 6 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))

Carcinogenicity

No information available.

Section 12 Ecological Information

Aquatic toxicity

No information available.

Persistence and biodegradability

No information available.

Mobility in soil

No information available.

General Information

No information available.

Possible environmental impact

No information available.

Bio-accumulative potential

No information available.

Ecological Limit Values

No information available.

Section 13 Disposal Consideration

Waste treatment methods

Waste produced can be recycled by an authorised facility.

Waste disposal methods

Non-recycled waste must be disposed of at a registered landfill site. Basic assessment must be conducted to identify waste type. Records of all waste disposal must be retained, and a disposal certificate must be issued by the disposal facility.

Additional

Do not dump into any sewers or body of water. Dispose of according to local and national regulations.

Section 14 Transport Information

	ADR/RID	IMDG	IATA
UN Number		UN1219	
Shipping Name		Isopropyl alcohol	
Transport Hazard Class(es)		3	
Transport signage		Class 3 - Flammable and combustible liquid 49 CFR 173.120	
Packaging Group		II	
Environmental Hazards		No Information available	
Special precautions		The vehicle transporting the material must provide all required information. It is advisable to check validity of transport regulations with appropriate authority. Drivers should have knowledge of how to handle this material using the correct PPE (as discussed in this SDS) in the event of spillages or interaction with material. There are no other special requirements.	

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Section 15 Regulatory Information

Relevant Regulations

Waste Classification and Management Regulations.

All applicable local regulations for classifying, labelling and transport must be adhered to when handling this product.

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Section 16 Other Information

Update	Check the information at the top of this page for relevant update information and adjust work accordingly
Note	Material is constant as a product of organic material and the composition is monitored each month via a quality control/assurance program.
Testing performed by	No testing was performed. Data provided by customer and desktop review.
References	SANS 10234 (2008) Globally Harmonised System of Classification and Labelling of Chemicals Scifinder (https://scifinder.cas.org/) United States Department of Labour Occupational Health and Safety Administration (www.OSHA.gov).
Acronyms	ACGIH = American Conference of Governmental Industrial Hygienists CAS = Chemical Abstract Service HEPA = High Efficiency Particulate Air NIOSH = National Institute of occupational Safety and Health OSHA = Occupational Safety and Health Administration SANS = South African National Standards TLV = Threshold limit Value UN = United Nations

Section 17 Notice

This SDS was completed through information provided by the Customer and obtained in good faith and believed to be correct and according to SANS 10234 at the date thereof. Sci-Ba makes no depiction to the accuracy or completeness thereof. It remains the responsibility of the persons receiving the substance to make their own determination as to the safety and suitability of their purposes prior to use. Sci-Ba accepts no responsibility whatsoever for damages of any nature resulting from the use or reliance on the above information.