

Safety Data Sheet - Plant-based White Board Cleaner
Date: June 30, 2022

1. Identification

Product Name: Plant-based White Board Cleaner (Ready-to-Use)
Synonyms: Surfactant & Alkali Mixture, Special Soap Solution
CAS Number: Mixture

Intended

Use: Cleaning of White Writing Boards
Manufacturer: CPJ2 LLC
Address: 12325 Mills Ave Ste 22, Chino, CA 91710, USA

General Information: + 1 (909) 613-1204

2. Hazards

*Identification*GHS

Classification: Health

Skin Corrosion/Irritation:	Category 3	H316 Causes mild skin irritation
Eye damage/eye irritation:	Category 2B	H320 Causes eye irritation
Acute Toxicity – Oral:	Category 4	H302 Harmful if swallowed



GHS Label Elements:

WARNING

Precautionary Statements – Prevention

P101 – Keep away from Children
P234 – Keep only in original container
P260 – Do not breathe mists, Vapor or Spray
P264 – Wash skin and contaminated clothing thoroughly after handling
P270 – Do not eat, drink or smoke while using this product
P280 – Wear eye protection – SAFETY Glasses

Precautionary Statements – Response

P390 – Absorb spillage to prevent material damage
P332 + P317 – If skin irritation occurs, get medical help
P301 + P317 – IF SWALLOWED, Get medical help
P330 – Rinse mouth
P305 + P351 + P338 – IF IN EYES – Rinse cautiously with water for several minutes. Remove contact lenses, if present and is easy to do. Continue rinsing.

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P337 + P313 – If irritation persists, get medical attention

P363 – Wash contaminated clothing before use

Precautionary Statements – Storage

P405 – Store in a secure manner

Precautionary Statement – Disposal

P501 – Dispose of Contents and containers in accordance with applicable local, regional, national and/or international regulations.

3. Composition / Information on Ingredients

Ingredients	CAS Number	Percent by Weight
Non-ionic surfactant mixture (Non Haz)	Mixture	< 3.0
Isopropyl Alcohol	67-63-0	< 3.0
Water	7732-18-5	> 90.0

4. First Aid Measures

Inhalation: Move to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen and seek medical attention immediately.

Skin: Immediately flush with mild hand or bath soap and water for at least 15 minutes. If irritation or rash develops, seek medical attention. Remove contaminated clothing & Shoes and launder before reuse.

Eye: Immediately flush with running water for 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. If irritation persists seek medical attention immediately.

Ingestion: Do not induce vomiting. If conscious give 3-4 glasses of water to dilute and get immediate medical care.

5. Fire Fighting Measures

Flash Point: Above 95 °C (203 °F) – Not Flammable or Combustible

Sensitivity to Mechanical Impact: Not Sensitive

Sensitivity to Static Discharge: Not Sensitive

This is water-based product more than 90% water and thus is non-combustible.

When concentrated by the evaporation of the water and then by getting in contact with water it

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may pose a low risk of reacting with the following metals and alloys; Aluminum, Zinc, Magnesium and Copper to release Hydrogen gas which can form explosive mixtures in air.

Suitable Extinguishing Media: Water or Dry Powder may be used safely on this product. Choose and Use extinguishing agents appropriate for the surrounding materials that may be on fire.

Combustion Products: Although unlikely in normal circumstances, there may be situations where the product may have been heated the combustion products may include Carbon dioxide.

6: Accidental Release Measures

Occupational Release:

For very large spills, 50 Gallons and above, wear appropriate personal protective equipment recommended in Section 8 of this SDS. Completely contain spilled material with dikes and sand bags. Keep out of water supplies and sewers. Liquid material must be removed with a vacuum truck. Flush spill with water and vacuum if appropriate. This material is alkaline and may raise the pH of Surface waters.

For Smaller spills, wear appropriate personal protective equipment and vacuum into a container and dispose of the material according to the advice on Chapter 13. Disposal considerations. After vacuuming the spill; Wash the spill area with water and squeegee to the wash water into the floor sump that feeds to the sewer.

7. Handling and Storage

Handling

Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed.

Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use.

Storage

Store in tightly closed containers in cool, dry, well-ventilated area. Store at ambient or lower temperature. Keep containers tightly closed and upright when not in use. Protect against physical damage.

8. Exposure Controls / Personal Protection

Exposure Limits

Component (at full strength)	Occupational Exposure Limit
Isopropyl Alcohol (at full strength)	400 ppm TWA Vacated, TWA 900 mg/M ³

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Isopropyl Alcohol	200 ppm TWA
Isopropyl Alcohol	200 ppm TWA, STEL 500 ppm

Engineering Controls – Occupational Use

Local exhaust ventilation may not be necessary when used as intended.

Personal Protective Equipment (PPE)

Eye Protection: Wear safety glasses.

Skin Protection:

Avoid skin contact. Wear Latex Rubber or Vinyl gloves impervious to Water based liquids when cleaning large areas and multiple white boards.

Respiratory Protection:

Respiratory protection will not be required when used as intended.

When handling large bulk volumes:

If exposure limits are exceeded, as in large spills, NIOSH approved respiratory protection should be worn. A NIOSH approved respirator for organic vapors is generally acceptable for concentrations up to 10 times the PEL.

9. Physical and Chemical Properties

Appearance / Odor:	Clear, colorless liquid with mild soap odor
pH:	6.5 to 7.5 (near neutral)
Flashpoint:	Above 95 °C (203 °F) – Not Flammable or Combustible
Boiling Point:	About 100 °C (212 °F) at 760 mm Hg.
Auto-ignition Temperature:	Not Applicable
Evaporation Rate:	Same as Water
Flammable Limits in Air:	Lower: Not Applicable Upper: Not Applicable
Vapor Pressure:	Same as Water
Vapor Density:	Same as Water (No Volatiles present)
Volatile Organic Content:	3%
Solubility in Water:	100 % (Complete)
Specific Gravity:	About 1.01 @ 25°C (8.40 Pounds per Gallon)

10. Stability and Reactivity

Stability:	Stable in a wide range of practical use and storage temperatures See Storage Instructions, Section – 7
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Incompatibility: Incompatible with strong acids and will react mildly with acids
Hazardous Reactions: None – Mild reactions with Acids that do not cause a hazard

Decomposition Products: Polymerization will not occur
Thermal decomposition products may include concentrations of high alkalinity salts

11. Toxicological Information

Signs and Symptoms of Overexposure: Eye and nasal irritation, itching or burning of the skin.

Acute Effects:

Eye Contact: May cause severe irritation and reddening of the Eye.

Skin Contact: Prolonged contact may cause irritation and local reddening of the skin. Repeated contact may cause skin burns. Symptoms may include pain, swelling and local redness.

Inhalation: may cause severe irritation in the nasal passage when large amounts of mist of this product were inhaled.

Ingestion: may cause severe gastrointestinal irritation with a feeling of Nausea.

Carcinogenicity: None of the Ingredients in this product are classified as carcinogen by the NTP, IARC and OSHA.

Chronic Effects – The Chronic effects are irritation to the Skin and Eyes if they come in contact with the spray or liquid. However, given none of the ingredients are airborne from the targeted surfaces, the risk of chronic exposure is greatly reduced.

Acute Toxicity Values of Ingredient	CAS Number	Acute Toxicity Data at full strength
Isopropyl Alcohol	67-63-0	Oral – 5840 mG/kg Rat, Dermal 13,900 mG/kg, Inhalation 72.6 mG/L Rat 4 Hours

Delayed and Immediate effects as well as chronic effects from short and long-term exposure

Irritation:

Irritation: Causes eye serious irritation

Sensitization: Does not sensitize the nasal passages, throat or skin (Does not fume or vaporize)

Carcinogenicity: NONE of the ingredients are a carcinogen per IARC, NTP, OSHA and ACGIH

Mutagenic Effects: NONE of the ingredients are a mutagen

Reproductive Effects: NONE of the ingredients cause reproductive effects or harm

Development Effects: NONE of the ingredients cause development effects or harm

Aspiration Hazard: NONE of the ingredients are an aspiration hazard

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STOT – Single Exposure: NONE of the ingredients at the current levels have STOT concerns

STOT – Repeated Exposure: NONE of the ingredients at the current levels have STOT concerns

12. Ecological Information

Ingredient	CAS Number	Data
Isopropyl Alcohol		EC50 >1000 mG/L 72 h Freshwater Algae LC50 9,640 mG/L 96 h Freshwater Fish

Bioaccumulation: Bioaccumulation does not occur

This product is readily biodegradable.

13. Disposal Considerations

Review Local, State, Provincial and Federal (National) Government requirements prior to disposal of this product. This is water-based product with about 85 % Water and contains the ingredients found in laundry detergents, soaps and janitorial products. Please follow the Local, State, Provincial and Federal (National) Government Regulations for disposal of laundry detergents, soaps and janitorial products.

Do not dispose this product with Acid based products such as Drain Cleaners and de-cloggers that contain muriatic acid

14. Transport Information

Not Regulated in any mode of transport

15. Regulatory Information

U.S. Federal Regulations

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):

None listed

OSHA None Listed

Toxic Substances Control Act (TSCA): All components of this product are included on the TSCA inventory.

Clean Water Act (CWA):

Clean Air Act (CAA): This product does not contain any Chemicals that are considered Hazardous Air Pollutants. The VOC of this product is Zero

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Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA Section 311/312 (40 CFR 370) Hazard Categories:

Immediate Hazard: None

Delayed Hazard: None

Fire Hazard: None

Pressure Hazard: None

Reactivity Hazard: None

SARA Section 313 (40 CFR 372)

This product does not contain toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372)

Isopropyl Alcohol (Only if manufactured as a product, Not applicable in this product)

State Regulations

California: This product does NOT contain any chemicals(s) known to the State of California to cause cancer, birth defects or reproductive harm:

International Regulations

Canadian Environmental Protection Act: All of the components of this product are included on the Canadian Domestic Substances list (DSL).

European Inventory of Existing Chemicals (EINECS): All of the components of this product are included on EINECS.

EU Classification:

EU Risk (R) and Safety (S) Phrases:

R38: Irritating to the skin. R41: Risk of serious damage to eyes.

S53: Avoid exposure - obtain special instructions before use.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S9: Keep container in a well-ventilated place.

S36/37: Wear suitable protective clothing and gloves.

16. Other Information

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health: 1 -- Flammability: 0 -- Reactivity: 0

Disclaimer: The information contained herein is accurate to the best of our knowledge.

Impactk Packaging urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data

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contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given.

Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product.

Date: June 30, 2022