Safety Data Sheet

1) Identification of Material and Manufacturer

Product Name	Green Clean
Product Use(s)	Cleaner
Manufacturer/Seller	Soft Jamb Company
Address	6298 Mt. Pinos Ct. Alta Loma, CA 91701, United States
Emergency Telephone	Chemtrec 800.424.9300
E-mail	steve@softjamb.com

2) Hazards Identification

a) **Classification:** Solution is non-hazardous.

b) **Signal Words:** None

Hazard Statements: Glycol ether can absorb through skin.
Inhalation may cause drowsiness.

Precautionary Statements: Avoid direct contact with skin
Wash hands after use.
If drowsiness occurs, seek fresh air immediately.
Use in areas with adequate ventilation.

c) **Unclassified Hazards:** None

3) Composition Information

Ingredient	CAS	Other Identifier	Concentration
Glycol Ether	34590-94-8	EC # 252-104-2	<5%
Isopropyl Alcohol	67-63-0	EC # 200-661-7	<5%
Caustic Soda	1310-73-2	EC # 215-185-5	<5%

4) First Aid Measures

Inhalation	If irritation, headache, nausea or drowsiness occurs, move victim to fresh air. Seek medical attention if breathing is distressed.
Skin Contact	Wash exposed area with soap and water. Seek medical attention if irritation persists.
Eye Contact	Immediately flush eyes with water, remove contacts if present, flush with water for another 10 minutes. Seek medical attention if irritation persists.
Ingestion	**Conscious victim:** Rinse mouth thoroughly, drink 2-4 glasses of water, do not induce vomiting. If vomiting occurs give fluids again, and seek immediate medical attention. **Unconscious victim:** Seek immediate medical attention. Never give fluids to an unconscious victim.

5) Firefighting Measures

Extinguishing Media	Water, carbon dioxide, or foam
Special Hazards	None
Additional Information	Firefighter should wear self-contained breathing apparatus, if possible.

6) Accidental Release Measures

In case of spill, leak, or release	Use absorbent. Collect in appropriate containers. Do not release into environment without governmental approval. Wash contaminated water into dedicated drain.
Method of waste disposal	Follow all local, municipal, state, and federal guidelines, if in the United States of America. For all other countries, consult local, regional, or country regulations as applicable to a non-hazardous product.

- ***This material is non-hazardous.***
- ***Dry material may be placed in appropriate containers and disposed of in accordance with applicable governmental agencies for your location.***

7) Handling and Storage

• Store in cool, dry location	• Protect from heat, light, moisture	• Must use with adequate ventilation
• Chemical resistant gloves must be worn	• Safety glasses or goggles must be worn	• Wash hands thoroughly, immediately before and after use
• Do NOT reuse container	• Do not use waterless hand cleaners	• Use good personal hygiene

8) Exposure Controls and Personal Protection

Glycol Ether	**OSHA PEL**	600 mg/m^3 SKIN
	ACGIH TLV	100 ppm
Isopropyl Alcohol	**OSHA PEL**	400 ppm AIR
	ACGIH TLV	400 ppm
Sodium Hydroxide	**OSHA PEL**	2 mg/m^3
	ACGIH TLV	2 mg/m^3

Engineering Controls	Use adequate ventilation from mechanical source to control exposure.
Personal Protection	• Wear an OSHA-approved respirator with a HEPA cartridge. • Wear chemical resistant gloves. • Wear safety glasses with side shields, or goggles. • Wear body protection to avoid skin contact.

9) Physical and Chemical Properties

Appearance	Dark green liquid	**Flash Point**	Flammable
Odor	Mild alcohol	**Est. Explosive Range Limit**	LEL\UEL - Not Available
Odor Threshold	None Established	**Flash Point Method Used**	Not Applicable
pH (concentrate)	13.5 - 13.7	**Partition Coefficient**	Not Available
Melting Point	Not Applicable	**Specific Gravity**	1.0-1.1
Boiling Point	~99 C	**Viscosity**	Not Available
Vapor Pressure	Not Available	**Explosive Properties**	Not Explosive
Evaporation Rate	Not Available	**Oxidizing Properties**	Not an Oxidizer
Solubility in Water	Complete	**Other Information**	None

10) Stability and Reactivity Data

Chemical Stability	Stable	**Hazardous Polymerization**	Does not occur
Conditions to Avoid	Contact with aluminium	**Hazardous Decomposition**	None
Incompatibility	Acids	**Other Hazards**	None

11) Toxicology Information

Glycol Ether 100%	**LD_{50} (oral, rat)**	>5000 mg/kg
	LD_{50} (dermal, rabbit)	9510 mg/kg
Isopropyl Alcohol 100%	**LD_{50} (oral, rat)**	5045 mg/kg
	LD_{50} (dermal, rabbit)	12800 mg/kg
Sodium Hydroxide 100%	**Draize test (rabbit, skin)**	500 mg/24H Severe

- ***Not considered orally toxic except with extreme intake levels.***
- ***Not considered a skin corrosive or irritant under normal exposure.***
- ***After abnormal exposure levels, or prolonged exposure, skin may become irritated and demonstrate redness, pain, dryness and itching.***
- ***May cause eye irritation as evidenced by pain, redness and tearing of eyes.***
- ***May be irritating to respiratory tract under normal conditions.***
- ***Avoid breathing vapor.***
- ***Increased nasal mucous membrane production and increased tears in eyes may occur upon breathing vapor.***
- ***Germ cell mutagenicity has not been conducted for this material.***
- ***This product does not contain any known carcinogens.***
- ***This product does not cause reproductive toxicity.***

12) Ecological Information

Toxicity	Not toxic to environment under U.S. EPA regulations.
Persistence/Degradation in Environment	Expected to completely degrade under typical circumstances under U.S. EPA standards.
Bioaccumulation	Does not accumulate under U.S. EPA standards.
Mobility in Soil	Not studied.

13) Disposal

- ***Under applicable U.S. Environmental Protection Agency regulations this material is not considered to be environmentally hazardous in regards to waste disposal.***
- ***Follow all local, municipal, U.S. state, and U.S.federal regulations if in the United States of America.***
- ***For other countries consult your local, area, or country regulatory authority as applicable to a non-hazardous product.***

14) Transportation and Shipping

Americas Region	Not classified as hazardous by DoT for ground shipping
Proper Shipping Name	Not classified
U.N. Number	Not classified as hazardous
International	Follow U.N. rec's in *The Transport of Dangerous Goods* (17th ed. rev.)
Ocean	Follow IMO International Maritime Dangerous Goods Code
Air	Follow IATA Dangerous Goods Regulation

15) Regulatory Information

CERCLA Sec. 103 RQ#	NO	**EHS 302 TPQ**	NO
RCRA Sec. 261.33	YES	**TSCA Listed?**	YES
SARA Sec. 261.33 RQ#	NO	**EPA Special Hazard**	NO
SARA 312 Name List	YES	**CA Prop 65**	NO
SARA 313 Name List	YES	**REACH Listed?**	NO

SARA Section 312 Hazardous Categories	
Immediate (acute) Health Hazard	YES
Delayed (chronic) Health Hazard	NO
Fire Hazard	YES
Reactivity Hazard	NO
Sudden Release of Pressure	NO

16) Other Information

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.

Green Clean
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RESOURCES:

United States Environmental Protection Agency
United States Occupational Health and Safety Administration
United States Department of Transportation
United State Drug Enforcement Administration
United Nations “Transport of Dangerous Goods” 17th Edition, 2011
International Maritime “Dangerous Goods Code”
International Air Transportation Association “Dangerous Goods Regulation”

TERMINOLOGY:

ACGIH	American Conference of Governmental Industrial Hygienists	**RCRA**	Resource Conservation and Recovery Act
CA	State of California, U.S.A.	**REACH**	Registration, Evaluation, Authorization and Restriction of Chemicals
CAS	Chemical Abstract Services	**SARA**	Superfund And Reauthorization Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act	**TLV**	Threshold Limit Value
EHS	Environmental Health and Safety	**TPQ**	Threshold Planning Quantity
HEPA	High Efficiency Particulate Air	**TSCA**	Toxic Substances Control Act
LEL	Lower Explosive Limit	**UEL**	Upper Explosive Limit
LD_{50}	Lethal dose for 50% of population	**UN**	United Nations
MSHA	Mine Safety Health Administration	**IATA**	International Air Transport Association
NIOSHA	National Institute of Occupational Safety and Health	**EPA**	Environmental Protection Agency
OSHA	Occupational Safety and Health Administration	**DoT**	Department of Transportation
PEL	Permissible Exposure Limits	**IMO**	International Maritime Organization