

SAFETY DATA SHEET**Section 1. Identification of the Product and Company**

Product Name: 80-023 and 80-024 Xtreme Green Hand Cleaner

Manufactured for: Kimball Midwest
4800 Roberts Rd.
Columbus, Ohio 43228

Phone: 800-233-1294
Company Emergency Phone: 800-233-1294
Chemical Emergency Phone: 800-424-9300 (Chemtrec)
SDS Date of Preparation: February 18, 2015

Section 2. Hazards Identification**GHS Classification:**

Physical:	Health:
Flammable Liquid Category 4	Eye Damage Category 1 Skin Irritation Category 2

GHS Label Elements:**Danger!****Statements of Hazard**

Combustible liquid.
Causes skin irritation.
Causes serious eye damage.

Prevention

Keep away from flames and hot surfaces. No smoking.
Wear eye protection.

Storage

Store in a well-ventilated place. Keep cool.
Store locked up.

Response

IF ON SKIN: Rinse skin with water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
In case of fire: Use carbon dioxide, dry chemical, foam, or water fog to extinguish.

Disposal

Dispose of contents in accordance with local, state, and federal regulations.

Section 3. Composition/Information on Ingredients

Component	CAS Number	% by Weight
Water	7732-18-5	40-60
Paraffinic Petroleum Distillate	64742-47-8	20-30
Tall Oil Fatty Acid	61790-12-3	5-10

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Alcohol (C6-C12) ethoxylated	68439-45-2	5-10
Oleath 2	9004-98-2	1-5
Oleath 10	9004-98-2	1-5
Monoethanolamine	141-43-5	<1
Sodium Xylene Sulfonate	1300-72-7	<1
Dye	Mixture	<1
Fragrance	Mixture	<1
Vitamin E	59-02-9	<0.5
Aloe	8001-97-6 / 85507-69-3	<0.5
Citric Acid	77-92-9	<0.5
5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-isothiazolinone	Mixture	<0.05

The exact percent is a trade secret

Section 4. First Aid Measures

Eyes: Immediately flush eyes with plenty of water for 20 minutes while holding the eyelids apart. Remove contact lenses if safe and easy to do. Get immediate medical attention.

Skin: This product is intended for use on the skin. Avoid prolonged skin contact. Wipe off or rinse after use. Discontinue use and seek medical attention if irritation develops and persists.

Inhalation: No first aid should be needed. Move to fresh air if irritation develops.

Ingestion: Do not induce vomiting. Rinse mouth with a small amount of water. Never give anything by mouth to an unconscious or drowsy person. Get medical attention.

Most important Symptoms: May cause severe eye irritation or burns. Permanent damage may occur. May cause skin irritation on prolonged contact. Swallowing may cause gastrointestinal irritation with nausea and diarrhea.

Indication of immediate medical attention/special treatment: Immediate medical attention is not usually required.

Section 5. Fire Fighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use carbon dioxide, dry chemical, foam, or water fog.

Specific hazards arising from the chemical: Combustible liquid. Product will burn when heated above the flashpoint. Combustion will produce oxides of carbon.

Special Protective Equipment and Precautions for Fire-Fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water spray.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures: Wear suitable protective clothing to avoid skin and eye contact. Eliminate all sources of ignition.

Methods and Materials for Containment and Cleaning Up: Promptly clean up spills with an inert absorbent. Place in a suitable, properly labeled container for disposal. Keep out of sewers and waterways.

Section 7. Handling and Storage

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Precautions for Safe Handling: Prevent contact with eyes. Avoid prolonged skin contact. Keep product away from heat and open flames.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, dry, well-ventilated area. Store away from heat and oxidizers.

Section 8. Exposure Controls / Personal Protection

Exposure Limits:

Chemical Name	Exposure Limits
Paraffinic Petroleum Distillate	1200 mg/m3 TWA (manufacturer recommended)
Tall Oil Fatty Acid	None Established
Alcohol (C6-C12) ethoxylated	None Established
Oleath 2	None Established
Oleath 10	None Established
Monoethanolamine	3 ppm TWA OSHA PEL 3 ppm TWA, 6 ppm STEL ACGIH TLV
Sodium Xylene Sulfonate	None Established
Dye	None Established
Fragrance	None Established
Vitamin E	None Established
Aloe	None Established
Citric Acid	None Established
5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-isothiazolinone	None Established

Engineering Controls: General ventilation is adequate for normal use.

Respiratory Protection: None required for normal use

Eye Protection: Avoid eye contact. Wear safety goggles if splashing is likely.

Skin Protection: This product is intended for use on the skin.

Section 9. Physical and Chemical Properties

Appearance and Odor: Green liquid with an apple odor.

Physical State: Liquid	Odor Threshold: Not available
Vapor Density: Same as water	Initial Boiling Point/Range: 232-500°F (111-260°C)
Solubility In Water: Emulsifiable	Vapor Pressure: Same as water
Relative Density: 0.932	Evaporation Rate: Not available
Melting/Freezing Point: Not available	pH: 9-10
VOC Content: 0%	Octanol/Water Coefficient: Not available
Viscosity: Not available	Decomposition Temperature: Not available
Flashpoint: 175°F (79°C) TCC	Flammability (solid, gas): Not applicable
Flammable Limits: LEL: 0.95 (lowest component) UEL: Not available	Autoignition Temperature: Not available

Section 10. Stability and Reactivity

Reactivity: Not normally reactive

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Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: Reaction with oxidizers will generate heat.

Conditions to Avoid: Avoid heat, sparks, and open flames.

Incompatible Materials: Avoid strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition yields oxides of carbon.

Section 11. Toxicological Information

Inhalation: No adverse effects are expected during normal use. If mists are inhaled, respiratory irritation may be experienced.

Eye Contact: May cause severe irritation or burns with redness, tearing and pain. Permanent damage may occur.

Skin Contact: May cause irritation on prolonged contact.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects: None currently known.

Cancer: This product does not contain any chemicals listed by NTP, OSHA, or IARC as a carcinogen or suspected carcinogen.

Toxicological Data: Acute oral toxicity estimate 10,000 mg/kg

Paraffinic Petroleum Distillate: LD50 oral rat >5000 mg/kg, LD50 dermal rabbit >2000 mg/kg, LC50 inhalation rat >5.28 mg/L (no mortalities)

Tall Oil Fatty Acid: LD50 oral rat >3200 mg/kg

Alcohol (C6-C12) ethoxylated: LD50 estimated in category 4 for oral toxicity.

Oleath: LD50 oral rat 2700 mg/kg

Sodium xylene sulfonate: Oral rat LD50 > 7000 mg/kg, Inhalation rat LC50 >6.41 mg/l/, Dermal rabbit LD50 > 2000 mg/kg

Section 12. Ecological Information

Ecotoxicity: No data currently available.

Persistence and Degradability: No data currently available.

Bioaccumulative Potential: No data currently available

Mobility in Soil: No data currently available.

Other Adverse Effects: No data available.

Section 13. Disposal Information

Dispose in accordance with local, state and federal regulations.

Section 14. Transport Information

Transportation Classification:

Not regulated for Transport under ICAO, IMDG or ADR. Not regulated in non-bulk packages under DOT.

Bulk containers under DOT:

NA1993, Combustible liquid, n.o.s. (Paraffinic petroleum distillate), III

Section 15. Regulatory Information

EPA SARA 311/312 Hazards: Acute Health

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EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:
None

CERCLA Hazardous Substances (Section 103)/RQ: This product is not subject to CERCLA reporting requirements, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA TSCA: All of the components of this product are listed on the TSCA inventory.

Section 16. Other Information

Date of SDS Revision: February 18, 2015

Revision History: Change in formulation – changes in Sections 3, and 8.

NFPA Ratings:	Health: 2	Fire: 2	Instability: 0
HMIS Rating:	Health: 3	Fire: 2	Physical Hazard: 0

NOTICE

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Kimball Midwest shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.