



## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identity:** Heavy Duty Concentrated Hand Cleaner 80-985 & 80-986

**Recommended use of the chemical and restrictions on use:**

**Product Use:** Use as hand soap

**Uses Advised Against:** None known

**Manufactured for:** Kimball Midwest  
4800 Roberts Road  
Columbus, OH 43228  
Information Telephone: 800-233-1294

**Emergency Phone:** 800-424-9300 (Chemtrec)

**SDS Date of Preparation:** 2/24/15

### 2. HAZARDS IDENTIFICATION

**GHS Classification:**

<b>Physical:</b>	<b>Health:</b>
Not Hazardous	Eye Irritant Category 2 Skin Irritant Category 2

**GHS Label Elements:**

Warning!



Contains: Surfactant Blend, Triisopropanolamine

**Statements of Hazard**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

**Precautionary Phrases**

P264 Wash thoroughly after handling.

P280 Wear eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical attention.

P302+P352 IF ON SKIN: Wash with plenty of water.

P332+P313 If skin irritation occurs: Get medical attention.

P362+P364 Take off contaminated clothing and wash it

## Heavy Duty Concentrate Hand Cleaner 80-985 & 80-986

before reuse.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Distillates (Petroleum), hydrotreated light	64742-47-8	<30%
Surfactant Blend	Proprietary	<15%
Triisopropanolamine	122-20-3	<2%

The exact concentration is being withheld as a trade secret.

### 4. FIRST AID MEASURES

**Eye:** Immediately flush eyes with large quantities of water for several minutes, while holding the eyelids apart. Get medical attention if irritation persists.

**Skin:** Flush thoroughly with water for several minutes. Get medical attention if irritation occurs. Remove and launder clothing before re-use.

**Inhalation:** Remove victim to fresh air. Get medical attention if irritation develops.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if you feel unwell.

**Most Important Symptoms:** May cause moderate eye and skin irritation. Inhalation of mist or vapors may cause respiratory tract irritation.

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

### 5. FIRE-FIGHTING MEASURES

**Suitable (and Unsuitable) Extinguishing Media:** Use any media that is suitable for the surrounding fire.

**Specific Hazards Arising from the Chemical:** This product is not flammable or combustible. Aqueous solutions may cause surfaces to be extremely slippery and cause a slip hazard. Thermal decomposition may release carbon monoxide, carbon dioxide, ammonia, oxides of nitrogen, and irritating smoke.

**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.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Isolate the area and remove unprotected people. Wear suitable protective clothing to prevent skin and eye contact. Ventilate the area.

**Methods and Materials for Containment and Cleaning Up:** Contain and collect using inert absorbent materials and place in appropriate containers for disposal. Keep out of sewers and waterways. Notify authorities of releases as required.

## Heavy Duty Concentrate Hand Cleaner 80-985 & 80-986

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with the eyes, skin and clothing. Wear protective clothing and equipment. Avoid breathing mists or vapors. Use only with adequate ventilation. Wash thoroughly with water after handling. Keep containers closed when not in use. Wash clothing before re-use.

Do not reuse containers. Empty containers retain product residues which can be hazardous. Follow all SDS precautions when handling empty containers.

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

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Guidelines:

Distillates (Petroleum), hydrotreated light	152 ppm TWA-RCP (total hydrocarbons) Manufacturer recommended
Surfactant Blend	None Established
Triisopropanolamine	None Established

**Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

**Respiratory Protection:** In operations where exposure levels are excessive, an approved respirator with dust/mist cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

**Skin Protection:** Chemical resistant gloves recommended to prevent prolonged skin contact during processing. Contact your glove supplier for assistance in selecting an appropriate glove.

**Eye Protection:** Wear chemical safety goggles if contact is possible.

**Other:** Impervious coveralls, apron and boots is required to prevent skin contact and contamination of personal clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> Green Emulsion	<b>Flammable Limits:</b> LEL: Not applicable UEL: Not applicable
<b>Odor:</b> Characteristic odor	<b>Vapor Pressure:</b> Not available
<b>Odor Threshold:</b> Not available	<b>Vapor Density:</b> Not available
<b>pH:</b> 7.5	<b>Relative Density:</b> 0.992
<b>Melting/Freezing Point:</b> 25°F (-3.9°C)	<b>Solubility (ies):</b> Soluble in water
<b>Initial Boiling Point/Range:</b> >200°F (93.3°C)	<b>Partition Coefficient Octanol/Water:</b> Not available
<b>Flashpoint:</b> None	<b>Auto-ignition Temperature:</b> Not available
<b>Evaporation Rate:</b> Not available	<b>Decomposition Temperature:</b> Not available
<b>Flammability (solid, gas):</b> Not applicable	<b>Viscosity:</b> 5,000-8,000 cPs

### 10. STABILITY AND REACTIVITY

**Reactivity:** Not normally reactive

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

## Heavy Duty Concentrate Hand Cleaner 80-985 & 80-986

**Conditions to Avoid:** None known.

**Incompatible Materials:** Strong oxidizers, strong acids, bases, and metals such as brass and copper.

**Hazardous Decomposition Products:** When heated to decomposition emits carbon monoxide, carbon dioxide, ammonia, oxides of nitrogen, and irritating smoke.

### 11. TOXICOLOGICAL INFORMATION

#### HEALTH HAZARDS:

**Eye:** May cause moderate irritation with redness, tearing and pain.

**Skin:** May cause moderate irritation.

**Inhalation:** Inhalation of mists or vapors may cause irritation of the nose, throat and respiratory tract.

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

**Chronic:** None known.

**Sensitization:** This product is not expected to cause sensitization.

**Carcinogenicity:** None of the other components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, OSHA or the EU CLP.

**Germ Cell Mutagenicity:** Not expected to cause germ cell mutagenicity.

**Reproductive Toxicity:** Not expected to cause reproductive harm.

**Numerical Measures of Toxicity:** No data available for the mixture. The following are the toxicity values for the components:

Distillates (Petroleum), hydrotreated light: Oral rat LD50: >5000 mg/kg, Skin rabbit LD50: >5000 mg/kg,

Inhalation rat LC50: >5000 mg/m<sup>3</sup>/4hrs (vapor)

Surfactant Blend: No toxicity data available

Triisopropanolamine: Oral rat LD50: 4000 mg/kg, Skin rabbit LD50: >5000 mg/kg

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available for the mixture. This product is not expected to harm the environment.

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available

**Other Adverse Effects:** No data available

### 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local and national environmental regulations.

### 14. TRANSPORT INFORMATION

**DOT Hazardous Materials Description:**

**Proper Shipping Name:** Not Regulated

**UN Number:** None

**Hazard Class/Packing Group:** None

## Heavy Duty Concentrate Hand Cleaner 80-985 & 80-986

**Labels Required:** None

**IMDG/IATA/ICAO Hazardous Materials Description:**

**Proper Shipping Name:** Not Regulated

**UN Number:** None

**Hazard Class/Packing Group:** None

**Labels Required:** None

### 15. REGULATORY INFORMATION

**CERCLA 103 Reportable Quantity:** This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

**SARA TITLE III:**

**Hazard Category for Section 311/312:** Acute Health

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

**Section 302 Extremely Hazardous Substances (TPQ):** None

**California Proposition 65:** This product contains a substance known in the State of California to cause cancer and/or reproductive harm.

**EPA Toxic Substances Control Act (TSCA) Status:** All of the components of this product are listed on TSCA inventory.

### 16. OTHER INFORMATION

**NFPA Rating:** Health = 2

Flammability = 0

Instability = 0

**HMIS Rating:** Health = 2

Flammability = 0

Physical Hazard = 0

**Revision Summary:**

2/24/15: New SDS

#### NOTICE

The 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.