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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** KLEIN TOOLS 51408 HEAVY-DUTY HAND CLEANER CREAM 14 OZ  
**Item No:** 20734  
**Product Type:** Waterless hand cleaner

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
Water 7732-18-5	40-50	Not Listed	Not Listed
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 64742-47-8	30-40	Not Listed	100 ppm TWA
TALL OIL FATTY ACID 61790-12-3	1-10	10 mg/m <sup>3</sup> TWA	Not Listed
ETHOXYLATED C11-C16 ALCOHOL 127036-24-2	1-10	Not Listed	Not Listed
MINERAL OIL 8042-47-5	1-10	5 mg/m <sup>3</sup> TWA (oil mist)	5 mg/m <sup>3</sup> (oil mist)

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May irritate the eyes. Aspiration hazard if swallowed. May irritate respiratory system upon frequent or prolonged use.  
**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation.  
**Signs and Symptoms of Exposure:** None under normal conditions of use. Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation. May cause redness to eyes and irritation to nasal passages.  
**Medical Conditions Recognized as Being Aggravated by Exposure:** None known

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, DO NOT induce vomiting. Obtain medical attention immediately.  
**Inhalation:** If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.  
**Skin Contact:** Flush with copious amounts of water.  
**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### 5. FIRE FIGHTING MEASURES

**Flash Point (°F/C):** >200 degrees F. Method: Cleveland Open Cup  
**Recommended Extinguishing Media:** Carbon dioxide, chemical powder  
**Special Fire-Fighting Procedures:** No special procedures.  
**Hazardous Products Formed by Fire or Thermal Decomposition:** None anticipated  
**Unusual Fire/Explosion Hazards:** None  
**Lower Explosive Limit:** Not determined.  
**Upper Explosive Limit:** Not determined.

### 6. ACCIDENTAL RELEASE MEASURES

**Spill Procedures:** Rinse away with water or wipe up with a towel.

### 7. HANDLING AND STORAGE

**Storage:** Hand cleaner should be stored at temperatures between 40 degrees F. and 100 degrees F.  
**Handling:** Follow all general safety precautions.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eyes:** Not normally required, but wearing safety glasses will minimize exposure.  
**Skin:** Not necessary  
**Ventilation:** General ventilation is usually adequate.  
**Respiratory Protection:** Not normally necessary.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** White cream  
**Odor:** PLEASANT  
**Boiling Point (°F):** Not determined.  
**pH:** 8.8  
**Solubility in Water:** SOLUBLE  
**Specific Gravity:** 0.88-0.90  
**VOC Content(Wt.%):** <2% by weight  
**Vapor Pressure:** Not Determined  
**Vapor Density (Air=1):** Not Determined  
**Evaporation Rate:** Not Determined

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable at normal conditions  
**Hazardous Polymerization:** WILL NOT OCCUR  
**Incompatibilities:** None known  
**Conditions to Avoid:** High temperatures.  
**Hazardous Products Formed by Fire or Thermal Decomposition:** None anticipated

## **11. TOXICOLOGICAL INFORMATION**

See Section 3

## **12. ECOLOGICAL INFORMATION**

No data available

## **13. DISPOSAL CONSIDERATIONS**

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations.  
**US EPA Waste Number:** NH - Not a RCRA Hazardous Waste Material

## **14. TRANSPORTATION INFORMATION**

DOT (49CFR 172)

### **Domestic Ground Transport**

**DOT Shipping Name:** Unrestricted  
**Hazard Class:** NONE  
**UN/ID Number:** None  
**Marine Pollutant:** None

### **IATA**

**Proper Shipping Name:** Unrestricted  
**Class or Division:** None  
**UN/NA Number:** None

### **IMDG**

**Proper Shipping:** Unrestricted  
**Hazard Class:** None  
**UN Number:** None

## **15. REGULATORY INFORMATION**

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

**SARA 313 Information**  
NONE

**Product name:** KLEIN TOOLS 51408 HEAVY-DUTY  
HAND CLEANER CREAM 14 OZ

**Item** 20734

**CALIFORNIA PROP 65:**

No California Prop 65 chemicals are known to be present at or above the No Significant Risk Level.

**TSCA Inventory Status:**

**Listed on Inventory:** YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

**16. OTHER INFORMATION**

**Estimated NFPA Rating:** HEALTH 1, FLAMMABILITY 2, REACTIVITY 0

**Estimated HMIS Classification:** HEALTH 1, FLAMMABILITY 2, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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