# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

| IDENTITY AND MANUFACTURER'S | INFORMATION |
|---|---|
| **NFPA Rating:** Health-1; Flammability-2; Reactivity-0; Special- - | **HMIS Rating:** Health-1; Flammability-2; Reactivity-0; Personal Protection-B |
| Manufacturer's Name: **H & B Industries, Inc.**<br>Address: 9758 Abernathy Ave.<br>Dallas, TX 75220 | **DOT Hazard Classification:** Non-Hazardous<br>**Identity** (trade name as used on label):<br>**HB-11 TRUE GRIT Hand Cleaner (Blue)** |
| Date Prepared: 02/05/05 Prepared By: ED | **MSDS Number:** HB11 Revision - 2 |
| Information Calls: (800) 466-0855<br>**EMERGENCY RESPONSE NUMBER: (800) 535-5053** | NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA |

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

| COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater) | CAS Number | SARA III LIST | OSHA PEL (ppm) | ACGIH TLV (ppm) | Carcinogen Ref. Source ** |
|---|---|---|---|---|---|
| **ALIPHATIC PETROLEUM DISTILLATE** | 64742-96-7 | No | 500 | 100 | d |
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## SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** N/D

**Specific Gravity** (H2O=1): 0.9

**Vapor Pressure:** PSIG @ 70°F (Aerosols): N/A

**Vapor Pressure** (Non-Aerosols)(mm Hg and Temperature): N/D

**Vapor Density** (Air = 1): N/D

**Evaporation Rate (Water**= 1): N/D

**Solubility in Water:** Dispersible

**Water Reactive:** No

**Appearance and Odor:** Thick, blue gritty gel with banana fragrance.

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A

Auto Ignition Temperature N/D

Flammability Limits in Air by % in Volume:
% LEL: N/D % UEL: N/D

**FLASH POINT AND METHOD USED** (non-aerosols): >200ºF TCC

**EXTINGUISHER MEDIA:** Water fog, foam, dry chemical, CO2. Do not use a direct stream of water.

**Unusual Fire & Explosion Hazards:** Oxidation & thermal decomposition can result

**SPECIAL FIRE FIGHTING PROCEDURES:** Oxidation & thermal decomposition can result in noxious & toxic fumes. Wear proper protective equipment including NIOSH approved self-contained breathing apparatus.
Cool fire-exposed containers with water.

## SECTION 4 - REACTIVITY HAZARD DATA

**STABILITY [** X ] STABLE [ ] UNSTABLE

**HAZARDOUS POLYMERIZATION [ ]** WILL [ X ] WILL NOT OCCUR

**Incompatibility** (Mat. to avoid): Strong oxidizing agents, acids, alkalis.

**Conditions to Avoid:** Hot surfaces, sparks, open flames.

**Hazardous Decomposition Products:** Oxides of carbon and nitrogen, unidentified organic compounds.

## SECTION 5 - HEALTH HAZARD DATA

**PRIMARY ROUTES OF ENTRY: [ ]** INHALATION [ ] INGESTION [ ] SKIN ABSORPTION [ X ] EYE [ ] NOT HAZARDOUS

**ACUTE EFFECTS:** Overexposure can lead to CNS depression, producing headaches, dizziness, nausea and loss of consciousness.

**Inhalation:** Vapors of hot product may be slightly irritating to mucous membranes in high concentrations or after prolonged exposure at lower concentrations.

**Eye Contact:** Slight to moderate eye irritation depending on exposure.

**Skin Contact:** Prolonged or repeated contact may result in irritation.

**Ingestion:** May result in vomiting. Aspiration into lungs could cause chemical pneumonitis, pulmonary edema.

**CHRONIC EFFECTS:** None known.

**Medical Conditions Generally Aggravated by Exposure:** Pre-existing dermatitis may be aggravated.

## EMERGENCY FIRST AID PROCEDURES

**Eye Contact:** Flush with water for 15 minutes. If irritation persists, get medical attention.

**Skin Contact:**Wash off with water. If persistant irritation occurs, get medical attention.

**Inhalation:** Remove to fresh air. If serious symptoms develop, get medical attention.

**Ingestion: DO NOT INDUCE VOMITING.** Drink 3 to 4 glasses of water. Get immediate medical attention. If vomiting occurs, keep head below hips to prevent aspiration into lungs.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

**Respiratory Protection (specify type):** None required under normal handling, storage and use conditions.

**Protective Gloves:** None required.

**Eye Protection:** None required.

**Ventilation Requirements:** Normal ventilation is adequate under normal conditions of handling, storage and use.

**Other Protective Clothing & Equipment:** None normally required.

**Hygienic Work Practices:** Wash hands after handling and before eating, drinking, smoking or using restroom.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps To Be Taken If Material Is Spilled Or Released:** Do not contaminate sewers, ground waters or surface waters. Place in properly labeled, sealed, non leaking containers for proper disposal as hazardous waste.

**Waste Disposal Methods:** Dispose of in accordance with all local, state and federal regulations.

**Precautions To Be Taken In Handling & Storage:** Store in original shipping containers. Keep closed when not in use. Protect from extreme heat & cold. Shelf life one year.

**Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN.** Read & follow label directions.

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only