

SECTION 1 – IDENTIFICATION**Trade Name:** Bull Dozer Hand Cleaner**Product No.:** CH050**Chemical Family:** Hand Cleaner**Supplier's Name:** Lonestar Maintenance Chemicals**Emergency Phone:** 1-800-721-2448**Address:** P.O. Box 209, Buna, TX 77612**SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	OSHA PEL (ppm)	ACGIH TLV (ppm)	SARA 302/304(1)*	SARA 313(2)*	State INFO(3)(4)	% Weight	CERCLA RQ
Petroleum Distillate	8052-41-3	50	500	NO	NO	NO		
D-Limonene	5989-27-5	Not est.	Not est.					
Triethanolamine	102-71-6	Not est.	Not est.					

*See Section 15 for more information

n/e = none established

n/a = not applicable

n/d = not determined

SECTION 3 – HAZARD IDENTIFICATION**Emergency Overview:** May cause eye irritation**Primary Route of Entry:** Eye**Acute/Potential Health Effects:****Eyes:** Slightly hazardous by the following route of exposure of eye contact (irritant). Inflammation of the eye is characterized by redness, watering and itching.**Skin:** Non-sensitizer to skin.**Inhalation:** Inhalation not likely under normal use conditions. Can cause dizziness, lightheadedness, headache, nausea and blurred vision.**Chronic/Long Term Effects:** Prolonged or repeated contact may dry skin and cause irritation.**Signs and symptoms of Overexposure:** Ingestion may cause nausea, vomiting and diarrhea.**Target Organ Effects:** No Data**Reproductive/Developmental Info.:** No Data**Carcinogenic Information:** This material is not listed as a carcinogen by IARC, NTP or OSHA.**SECTION 4 – FIRST AID MEASURES****Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.**Skin:** Rinse with water.**Inhalation:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation.**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.**SECTION 5 – FIRE FIGHTING MEASURES****Flash Point:** Not determined**Flammable Limits:** LEL UEL**Extinguishing Media:** Use appropriate methods for combating surrounding fire.**Special Fire Fighting Instruction:** Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode.**Unusual Fire and Explosion Hazards:** None**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

Absorb spill with inert material. Flush area well with water to remove trace residue. Surfaces may become slippery after spillage.

SECTION 7 – HANDLING AND STORAGE

Follow all MSDS/label precautions even after container is emptied because they may contain product residue. Store in a cool, dry area. Keep from freezing temperatures. Avoid contact with eyes. Keep container closed when not in use. Keep out of reach of children.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**Eye Protection:** Eye wash fountain recommended.**Skin Protection:** No special requirements are needed for this material.**Respiratory Protection:** No special requirements are needed for this material.**Engineering Controls:** Use general ventilation.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point Range:	> 212° F	Solubility in Water:	Emulsifies in water
Vapor Pressure (mm Hg):	N/D	Evaporation Rate (Butyl Acetate = 1):	N/D
Vapor Density (AIR = 1):	N/D	Specific Gravity (H2O = 1):	0.96
Melting Point:	N/D	pH of Concentrate:	7
Appearance and Odor:	Thick blue liquid color with orange fragrance		

SECTION 10 – STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibility (materials to avoid):	Strong oxidizing agents, strong acids
Conditions to Avoid:	High temperature
Hazardous Decomposition Products:	CO, CO2

SECTION 11 – TOXICOLOGICAL INFORMATION

No Data

SECTION 12 – ECOLOGICAL INFORMATION

No Data

SECTION 13 – DISPOSAL CONSIDERATION

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14 – TRANSPORT INFORMATION

Not regulated for ground domestic shipments.

SECTION 15 – REGULATORY INFORMATION**U.S. Federal Regulation:****TSCA (Toxic Substances Control Act):** The intentional ingredients of product are listed.**Title III Section 311 / 312 Hazardous Categories – 40 CFR 370.2:**

Acute (X) Chronic () Fire () Pressure () Reactive () Not Applicable ()

(1) **Title III Section 302 / 304 Extremely Hazardous Substances – 40 CFR 355 Appendix A**(2) **Title III Section 311 Toxic Chemicals – 40 CFR 372.65**

If indicated under Section 2 of this MSDS, this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986. This information must be included in all MSDS that are copied and distributed for this material.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product should be classified as a hazardous waste. If this product becomes a hazardous waste it would be assigned RCRA Code(s) D001.

State and Local Regulation: Certain states maintain their own ingredient lists which differ slightly from the federal standards. If indicated under Section 2 of this MSDS, states listed below may have regulations on ingredients contained in this product. Check with your state for any additional regulations.

(3) **California Proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986)**(4) **Massachusetts (Hazardous Substance Disclosure by Employers)****SECTION 16 – OTHER INFORMATION**

N/A = Not Applicable

N/D = Not Determined

N/E = Not Estimated

MSDS Legends:

CAS = Chemical Abstracts Services Registry Number

Ceiling Limit = Ceiling Limit (15 minutes)

TLV = Threshold Limit Value (ACGIH)

OSHA = Occupational Safety and Health Administration

ACGIH = American Conference of Governmental Industrial Hygienists

The information presented herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the user. No suggestions for use are intended as, and nothing herein shall be construed as a recommendation to infringe any existing patents or violate any federal, state or local laws, rules, regulations or ordinances.