



# VAN DIEST SUPPLY COMPANY

Distributor and Manufacturer of Agricultural Chemicals

## SAFETY DATA SHEET

### 1. IDENTIFICATION

- 1.1 GHS PRODUCT IDENTIFIER:** CORNBELT<sup>®</sup> HAND CLEANER
- 1.2 ALTERNATE NAME(S):** None
- 1.3 PRODUCT CLASS:** Waterless, pumice hand cleaner.
- 1.4 RECOMMENDED USE/RESTRICTIONS:** Please see the label for specific recommendations regarding this product.
- 1.5 SUPPLIER'S DETAILS:** Van Diest Supply Company  
1434 220th Street  
Post Office Box 610  
Webster City, IA 50595-0610
- 1.6 EMERGENCY PHONE NUMBER:** FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT - CALL CHEMTREC - DAY OR NIGHT - 1-800-424-9300

### 2. HAZARDS IDENTIFICATION

This product is regulated as a cosmetic product and is labeled in accordance with the US Food and Drug Administration. It is not considered hazardous under the OSHA Hazard Communication standard as FDA regulations take precedence.

#### 2.1 HEALTH HAZARDS:

**Inhalation:** May cause respiratory tract irritation. May cause nasal irritation.

**Skin Contact:** May cause skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material.

**Eye Contact:** May cause mild eye irritation.

**Ingestion:** May cause digestive tract disturbances.

#### 2.2 GHS LABEL ELEMENTS & PRECAUTIONARY STATEMENTS:

No GHS signal words or phrases apply.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS #	% IN FORMULATION
Hydrotreated light distillate (petroleum)	64742-47-8	5.0 - 10.0%
Pumice	1332-09-8	3.0 - 8.0%
Limonene	5989-27-5	1.0 - 5.0%
Triethanolamine	102-71-6	1.0 - 5.0%

This Safety Data Sheet is not a guarantee of product specification. Specific ingredient content may be found on the product label. The product as a whole is not regulated as a hazardous material.

### 4. FIRST AID MEASURES

#### 4.1 GENERAL FIRST AID RECOMMENDATIONS ARE AS FOLLOWS:

<b>EYE CONTACT:</b>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do after 5 minutes, and continue rinsing for an additional 15 minutes. Get medical aid if irritation develops or persists.
<b>SKIN CONTACT:</b>	If irritation occurs, discontinue use and wash skin with soap and water. Get medical attention if irritation persists.
<b>INGESTION:</b>	Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cups of milk or water. Never give anything by mouth to an unconscious person. Get medical attention immediately.
<b>INHALATION:</b>	Remove from exposure and move to fresh air immediately. Get medical attention if irritation develops or persists.

**4. FIRST AID MEASURES, continued****4.2 NOTE TO PHYSICIAN:**

Treat symptomatically and supportively. Show this Safety Data Sheet to the doctor in attendance.

**5. FIREFIGHTING MEASURES****5.1 SUITABLE EXTINGUISHING MEDIA:**

Foam, CO<sub>2</sub>, water fog, sand/earth.

**5.2 UNSUITABLE EXTINGUISHING MEDIA:**

None listed.

**5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:**

High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide.

**5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH-approved (or equivalent), and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:**

Using appropriate personal protective equipment specified in Section 8 - Exposure Control/Personal Protection, do not let product enter drains, sewers, watersheds, or water systems.

**6.2 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANUP:**

Provide ventilation. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Spilled product can create slippery conditions. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Contain spill using an inert diking material. Transfer material into an approved container for possible recovery and reuse or for disposal.

**7. HANDLING AND STORAGE****7.1 PRECAUTIONS FOR SAFE HANDLING:**

Use as directed. Use with adequate ventilation. Avoid ingestion and inhalation. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Use non-sparking tools.

**7.2 CONDITIONS FOR SAFE STORAGE:**

Store in a cool place. Do not store in direct sunlight. Keep away from heat, sparks, and flames. Store in a tightly closed container. Keep container closed when not in use. Protect containers against damage.

**7.3 OTHER PRECAUTIONS.**

Handle in accordance with good industrial hygiene and safety practices. Keep out of reach of children.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION****8.1 OCCUPATIONAL EXPOSURE LIMITS:**

MATERIAL	CAS #	OSHA PEL	ACGIH TLV	CARCINOGEN		
				NTP	IARC	OSHA
Hydrotreated light distillate (petroleum)	64742-47-8	None	200 mg/m <sup>3</sup>	No	No	No
Pumice	1332-09-8	None	None	No	No	No
Limonene	5989-27-5	None	None	No	No	No
Triethanolamine	102-71-6	None	5 mg/m <sup>3</sup>	No	No	No

**8.2 ENGINEERING CONTROLS:**

Ensure adequate ventilation. Facilities storing or utilizing this material should be equipped with an eyewash facility. A safety shower is recommended.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION, continued****8.3 PERSONAL PROTECTIVE EQUIPMENT:**

The following recommendations are suitable for small, incidental contact with this material. Recommendations for commercial or on-farm application of this material may be found on the container label.

<b>EYE CONTACT:</b>	Not required under normal use conditions.
<b>SKIN CONTACT:</b>	Not required under normal use conditions.
<b>INGESTION:</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>INHALATION:</b>	A respirator is not normally needed for the incidental handling of this product. For spills or other situations that may generate elevated levels of vapor and/or dust, use a suitable NIOSH-certified respirator.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Thick orange gel (liquid)
<b>ODOR:</b>	Citrus-like odor
<b>ODOR THRESHOLD:</b>	ND
<b>pH:</b>	8 - 9
<b>MELTING POINT:</b>	N/A
<b>BOILING POINT:</b>	ND
<b>FLASH POINT:</b>	N/A
<b>EVAPORATION RATE:</b>	N/A
<b>FLAMMABILITY:</b>	ND
<b>UPPER/LOWER EXLOSIVE LIMIT:</b>	ND
<b>VAPOR PRESSURE:</b>	ND
<b>VAPOR DENSITY:</b>	ND
<b>RELATIVE DENSITY:</b>	ND
<b>SOLUBILITY:</b>	Complete, except pumice.
<b>PARTITION COEFFICIENT (n-Octanol/Water):</b>	ND
<b>AUTO-IGNITION TEMPERATURE:</b>	ND
<b>DECOMPOSITION TEMPERATURE:</b>	ND
<b>VISCOSITY:</b>	ND

ND: No Data; N/A: Not Applicable

**10. STABILITY AND REACTIVITY****10.1 REACTIVITY:**

Nonreactive under normal conditions.

**10.2 CHEMICAL STABILITY:**

Stable under normal conditions.

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS:**

Will not occur.

**10.4 CONDITIONS TO AVOID:**

High temperatures, ignition sources, incompatible materials, direct sunlight.

**10.5 INCOMPATIBLE MATERIALS:**

Strong oxidizing agents.

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS:**

High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 LIKELY ROUTES OF EXPOSURE:

Overexposure may occur by inhalation, ingestion, and absorption.

### 11.2 SKIN CORROSION/IRRITATION:

May cause irritation to extra-sensitive skin.

### 11.3 SERIOUS EYE DAMAGE/IRRITATION:

Moderately irritating to the eyes.

### 11.4 RESPIRATORY OR SKIN SENSITIZATION:

This product is not suspected of being a sensitizer. A minor component (limonene) is a known sensitizer.

### 11.5 GERM CELL MUTAGENICITY:

No data.

### 11.6 CARCINOGENICITY:

Not listed. A minor component (D-limonene) has shown carcinogenic activity in male rats.

### 11.7 REPRODUCTIVE TOXICITY:

No data.

### 11.8 STOT-SINGLE EXPOSURE:

Slight nasal irritation may occur. May cause respiratory tract irritation. May cause digestive tract disturbances.

### 11.9 STOT-LONG TERM EXPOSURE:

This material is not linked to long-term exposure effects.

### 11.10 ASPIRATION HAZARD:

This product does not meet the definition of an aspiration hazard.

### 11.11 ACUTE TOXICOLOGY:

For minor component (limonene):

INGESTION:	ORAL LD <sub>50</sub>
	4,400 mg/kg
SKIN CONTACT:	DERMAL LD <sub>50</sub>
	5,000 mg/kg
INHALATION:	INHALATION LC <sub>50</sub> (DUST/MIST)
	ND

For minor component (triethanolamine):

INGESTION:	ORAL LD <sub>50</sub>
	4,920 µL/kg
SKIN CONTACT:	DERMAL LD <sub>50</sub>
	ND
INHALATION:	INHALATION LC <sub>50</sub> (DUST/MIST)
	ND

## 12. ECOLOGICAL INFORMATION

### 12.1 GENERAL ECOLOGICAL INFORMATION:

Dipentene, which is optically inactive in limonene, is a marine pollutant.

**12. ECOLOGICAL INFORMATION, continued****12.1 GENERAL ECOLOGICAL INFORMATION, continued:****For limonene:**

	SPECIES	RESULTS
LC <sub>50</sub>	Water flea ( <i>Daphnia magna</i> )	577 µg/L, 48hr
	Fathead minnow ( <i>Pimephales promelas</i> )	600-800 µg/L, 24hr

**For hydrotreated light distillate (petroleum):**

	SPECIES	RESULTS
LC <sub>50</sub>	Bluegill ( <i>Lepomis macrochirus</i> )	2,200 µg/L, 4D
	Rainbow trout ( <i>Oncorhynchus mykiss</i> )	2,900 µg/L, 96hr

**For triethanolamine:**

	SPECIES	RESULTS
LC <sub>50</sub>	Water flea ( <i>Daphnia magna</i> )	1,390 mg/L, 24hr, intoxication
	Brine shrimp ( <i>Artemia salina</i> nauplii)	5.6 x 10 <sup>6</sup> µg/L, 24hr, mortality

**12.3 PERSISTENCE AND DEGRADABILITY:**

Limonene can be readily degraded in soil.

**12.4 BIOACCUMULATIVE POTENTIAL:**

No data available.

**12.5 MOBILITY IN SOIL:**

No data available.

**13. DISPOSAL CONSIDERATIONS**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Observe all federal, state, and local environmental regulations.

**14. TRANSPORT INFORMATION****14.1 DOT CLASSIFICATION:**

Not regulated.

**15. REGULATORY INFORMATION****15.1 EPCRA SARA TITLE III CLASSIFICATIONS:**

CERCLA/SARA 302 REPORTABLE QUANTITY: Not regulated

**15.2 OTHER LISTS:**

TSCA: Yes - Inventory [for hydrotreated light distillate (petroleum), pumice, limonene, & triethanolamine]

**16. OTHER INFORMATION**

SDS VERSION: 1/26/2018

NFPA: 1, 1, 0

The information and recommendations contained in this Safety Data Sheet are understood to be correct by Van Diest Supply Company. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. Information in this SDS follows different criteria from, and serves a different purpose than the product labeling.