



## 1. IDENTIFICATION

<b>1.1 GHS Product Identifier:</b>	Cornbelt® Tank Cleaner (Dry)
<b>1.2 Alternate Name(s):</b>	None
<b>1.3 Active Ingredients:</b>	Sodium metasilicate pentahydrate, sodium carbonate, sodium tripolyphosphate
<b>1.4 Recommended Use/Restrictions:</b>	Please see the label for specific recommendations regarding this product.
<b>1.5 Supplier's Details:</b>	Van Diest Supply Company 1434 220 <sup>th</sup> St. Post Office Box 610 Webster City, Iowa 50595
<b>1.6 Emergency Phone Number:</b>	FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

<u>Health Hazards:</u>	<u>Class</u>	<u>Category</u>
	Acute Toxicity (Oral)	5
	Serious eye damage/eye irritation	1
	Skin corrosion/irritation	1



### Danger

#### **Hazards:**

H303: May be harmful if swallowed.  
 H312: Harmful in contact with skin.  
 H318: Causes serious eye damage.  
 H314: Causes severe skin burns and eye damage.

#### **Prevention:**

P260: Do not breathe dust/fume/gas/mist/vapors/spray.  
 P264: Wash hands, face and other affected areas thoroughly after handling.  
 P280: Wear protective gloves/clothing/eye/face protection.

#### **Response:**

P312: Call a poison center or doctor/physician if you feel unwell.  
 P302+352: If on skin: Wash with plenty of soap and water.  
 P363: Wash contaminated clothing before reuse.  
 P301+330+331: If swallowed: Rinse mouth. Do NOT induce vomiting.  
 P303+361+353: If on skin (or hair): Remove contaminated clothing immediately. Rinse with water/shower.  
 P304+340: If inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing.  
 P310: Immediately call a poison center or doctor/physician.  
 P231: Handle under inert gas.  
 P305+351+338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing.

**2. HAZARDS IDENTIFICATION, continued****Storage:**

P405: Store locked up.

**Disposal:**

P501 Dispose of contents and container in accordance with federal, state, and local regulations.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Material	CAS #	% in Formulation
Sodium metasilicate pentahydrate	10213-73-2	<45%
Sodium carbonate	497-19-8	<30%
Sodium tripolyphosphate	7758-29-4	<25%

This safety data sheet is not a guarantee of product specification. Specific ingredient content may be found on the product label.

**4. FIRST AID MEASURES**

<b>4.1 General First Aid Recommendations are as follows:</b>	<b>Eye Contact:</b>	Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
	<b>Skin Contact:</b>	Remove contaminated clothing. Rinse skin immediately with water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
	<b>Ingestion:</b>	Immediately call a poison control center or doctor. Dilute with large amounts of water. Do not induce vomiting unless directed to do so by a medical professional. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. If vomiting occurs, keep head lower than hips to prevent introduction of fluid into the lungs.
	<b>Inhalation:</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**Notes to Physician:** All treatments should be based on observed signs and symptoms of distress in the patient.

**Antidotes:** Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

**Additional Information:** Treat symptomatically; no specific antidote available. Have the product container or label with you when calling a poison control center or doctor, or going in for treatment. For emergency medical assistance call CHEMTREC 1-800-424-9300.

**5. FIREFIGHTING MEASURES**

<b>5.1 General Hazard:</b>	Toxic fumes may be emitted in a fire situation.
<b>5.2 Suitable Extinguishing Media:</b>	Foam, dry chemical, carbon dioxide, water spray, or fog.
<b>5.3 Specific Hazards Arising from the Chemical:</b>	Normal combustion forms carbon dioxide, water vapor, and may produce oxides of carbon, nitrogen and phosphorous. No specific explosion hazards are identified or expected. Always fight fire with the implication that other volatile substances may be present.
<b>5.4 Special Protective Equipment and Precautions for Firefighters:</b>	As in any fire, wear a self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent), and full protective gear. Evacuate area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Fire-exposed containers can build up pressure and should be kept cool with water spray if possible. Dike and collect water used to fight fire to prevent environmental damage due to runoff. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

**6. ACCIDENTAL RELEASE MEASURES**

<b>6.1 Personal Precautions, Protective Equipment, and Emergency Procedures:</b>	Always wear proper protective equipment when handling this product. Contain material. Sweep up spilled material which is contaminated and place it and damaged, unusable containers in a container appropriate for non-hazardous chemical waste. Check local, state, and federal regulations for proper disposal.
<b>6.2 Water Spill:</b>	Do not contaminate any body of water
<b>6.3 Land Spill:</b>	Avoid runoff onto any adjacent land.

**7. HANDLING AND STORAGE**

<b>7.1 Conditions for Safe Handling:</b>	Wash hands after handling, before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove personal protective equipment (PPE) immediately after handling this product. Wash the outside of gloves before removing. Wash thoroughly and change into clean clothing as soon as possible.
<b>7.2 Conditions for Safe Storage:</b>	Store this product under lock and key. Keep containers tightly closed and away from incompatible materials. Keep out of reach of children. Do not allow water or other chemicals to be introduced into contents of container.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION****8.1 Occupational Exposure Limits:**

None established.

**8.2 Engineering Controls:**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

## 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 chemical may be found on the container label.

<b>Eye/Face Contact:</b>	Wear chemical goggles or shielded safety glasses (ANSI Z87.1 or approved equivalent) when handling and mixing product. Contact lenses should not be worn when working with chemicals.
<b>Skin Contact:</b>	Wear chemical-resistant gloves such as Viton or barrier laminate, coveralls over long-sleeved shirt, long pants and chemical-resistant footwear plus socks. Chemical-resistant headgear for overhead exposure. When exposed to product concentrate, wear a chemical resistant apron.
<b>Inhalation:</b>	Work in a well ventilated area; exposure to airborne contaminants is not expected to cause concern.
<b>Protective Clothing:</b>	Eye protection, long sleeved shirt and long pants, shoes plus socks and chemical-resistant gloves should be worn. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Orange powder	<b>Upper/Lower Explosive Limit:</b>	ND
<b>Odor:</b>	Citric	<b>Vapor Pressure:</b>	ND
<b>Odor Threshold:</b>	ND	<b>Vapor Density:</b>	Heavier than air.
<b>pH:</b>	ND	<b>Relative Density:</b>	ND
<b>Melting Point:</b>	ND	<b>Solubility:</b>	Complete
<b>Boiling Point:</b>	ND	<b>Partition Coefficient (<i>n</i>-Octanol/Water):</b>	ND
<b>Flash Point:</b>	NA	<b>Auto-Ignition Temperature:</b>	ND
<b>Evaporation Rate:</b>	NA	<b>Decomposition Temperature:</b>	ND
<b>Flammability:</b>	ND	<b>Viscosity:</b>	ND

ND=No Data; NA=Not Applicable

## 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity:</b>	Non-reactive under normal conditions.
<b>10.2 Chemical Stability:</b>	Stable under normal conditions.
<b>10.3 Possibility of Hazardous Reactions:</b>	Will not occur.
<b>10.4 Conditions to Avoid:</b>	ND
<b>10.5 Incompatible Materials:</b>	Soft metals and acids.
<b>10.6 Hazardous Decomposition Products:</b>	None known.

## 11. TOXICOLOGICAL INFORMATION

<b>11.1 Likely Routes of Exposure:</b>	Overexposure may occur by dermal contact.
<b>11.2 Skin Corrosion/Irritation:</b>	May cause severe burns and skin damage.
<b>11.3 Serious Eye Damage/Irritation:</b>	May cause severe burns and eye damage.
<b>11.4 Respiratory or Skin Sensitization:</b>	This material is not suspected of being a sensitizer.
<b>11.5 Germ Cell Mutagenicity:</b>	This material is not suspected of being mutagenic.

**11. TOXICOLOGICAL INFORMATION, continued**

**11.6 Carcinogenicity:** This material is not suspected of being a carcinogen.

Material	Carcinogen		
	NTP	IARC	OSHA
Proprietary blend	No	No	No

**11.7 Reproductive Toxicity:** This material is not suspected of being a teratogen.

**11.8 STOT-Single Exposure:** Unlikely under normal handling conditions.

**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:**

Ingestion:	Oral LD <sub>50</sub>	4,090 mg/kg
Skin Contact:	Dermal LD <sub>50</sub>	ND
Inhalation:	Inhalation LC <sub>50</sub> (dust/mist)	ND

**12. ECOLOGICAL INFORMATION**

**12.1 Ecotoxicity:** This product is not for use in aquatic settings. Ecotoxicity information is not available.

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

**12.3 Bioaccumulative Potential:** No data.

**12.4 Mobility in Soil:** No data.

**13. DISPOSAL CONSIDERATIONS**

Do not reuse product containers. Triple rinse (or equivalent), then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by local, state, and federal regulations.

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

The material is classified as follows, when shipped in containers at or above the regulated container size:

ID: **UN 1759**

Proper Shipping Name: **UN1759 Corrosive Solid, N.O.S. (contains sodium hydroxide & disodium trioxosilicate), 8, PGII**

Hazard Class: **8**

Packing Group: **II**

**15. REGULATORY INFORMATION**

<b>15.1 US EPA Tier II Hazards:</b>	Fire:	No
	Sudden Release of Pressure:	No
	Reactive:	Yes
	Immediate (acute):	Yes
	Delayed (chronic):	No

**15.2 EPCRA SARA Title III Classifications:** No product ingredients listed.

**16. OTHER INFORMATION**

SDS Version: 6/28/2016

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.