

**Safety Data Sheet**  
**Assist Natural Products LLC**

**Trade Name: Pit Perfect**

**Section 1 CHEMICAL PRODUCT AND COMPANY INFORMATION**

Manufacturer or Formulator:	Assist Natural Products 218 Evergreen Drive Lena, IL 61048	Product Name:	Pit Perfect
		Product Description:	Liquid Control Concentrate
		Recommended Use:	Treating Manure Pits
Emergency Phone:	815.369.2195		

**Section 2 HAZARDOUS IDENTIFICATION**

**Classification of Substance:** This product contains Acidic acid at a level  $\geq 1\%$  and  $\leq 10\%$ . pH is  $\geq 2$  and  $\leq 11.5$  and is therefore classified as non-hazardous and requires no GHS label elements.

**Label elements:**

•Hazard pictograms: None  
•Signal word: None  
•Hazard statement: None

**Classification system:**

**HMIS ratings:** Health: 1  
Flammability: 0  
Physical hazard: 0

**NFPA ratings:** Health: 1  
Flammability: 0  
Reactivity: 0

**Other hazards:** Personal Protection Index: B

**Section 3 COMPOSITION / INFORMATION ON INGREDIENTS**

Pit Perfect is a proprietary composition that contains no hazardous ingredients at reportable concentrations.

**Section 4 FIRST AID MEASURES**

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

**Skin Contact:** Flush skin with large amounts of water. Remove any contaminated clothing and wash before reuse. Seek medical attention if irritation occurs.

**Inhalation:** Remove victim to fresh air. Seek medical attention if irritation occurs.  
Treat symptomatically. If breathing has stopped give artificial respiration. Get immediate medical attention.

**Ingestion:** Give large amounts of water. Do not induce vomiting. If spontaneous vomiting is inevitable, prevent aspiration by keeping victims head below the knees. Get immediate medical attention.

**Section 5 FIREFIGHTING MEASURES**

**Flash Point:** None

**Extinguishing Media:** Water fog or fine spray, carbon dioxide, dry chemical or foam.

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

**Section 6 ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Isolate area. Keep unnecessary personnel away. Keep out of low areas. Ventilate closed spaces before entering. Wear appropriate personal protective equipment (PPE) and clothing

**Methods for Clean Up:** Wear appropriate protective equipment and clothing during clean-up.

**Methods of Containment:** Prevent entry into waterways, sewers, basements or confined areas. Absorb with liquid-binding materials (sand, universal binders, sawdust, etc.)

## Section 7 HANDLING & STORAGE

**Handling:** Avoid contact with skin and eyes. Wash hands thoroughly after handling. Always wear personal protective equipment.

**Storage:** Store this product below 120° F (49° C), preferably below 75° F (24° C), in a cool dry well-ventilated area away from heat, sparks, flame, oxidizers and out of direct sunlight.

## Section 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**General:** Eye wash fountain is recommended. Wear appropriate protective equipment (PPE) as well as good hygiene practices is recommended. Promptly remove soiled clothing and wash thoroughly before reuse.

**Eyes:** Safety glasses with side shields or goggles.

**Skin:** Wear suitable protective clothing. Use impervious gloves.

**Breathing Equipment:** Not required

**Body protection:** Protective work clothing

## Section 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	>212° F (100° C)	Solubility in water:	Complete
Vapor Density:	Same as water	Evaporation Rate:	<0.01 *N-butyl acetate =1
Flashpoint:	Non-flammable	Vapor Pressure:	<0.01 mm Hg @ 68° F (20° C)
pH:	3.2 – 3.6 @ 77°F (25°C)	Reaction with water:	None
Specific Gravity:	~1.07 - 1.13 @77° F (25° C)	Weight:	8.4 – 8.6 LBS. per gallon
Appearance:	Dark brown liquid	Odor:	Slightly pungent/mild characteristic
Freezing Point:	<32°F (0°C)	flammability (solid/gas):	not available
Lower/Upper Explosive limits:	N/A	Partition Coefficient n-octanol/water:	N/A
Auto-ignition temperature:	N/A	Decomposition temperature:	Not Available
Viscosity:	N/A	VOC:	Negligible

## Section 10 STABILITY & REACTIVITY

Reactivity:	Hazardous polymerization will not occur
Conditions to avoid:	See Section 7.
Chemical Stability:	Stable under normal circumstances
Hazardous Reactions:	None known.
Possible hazardous reactions/incompatible mat.:	Strong oxidizing agents, alkalis

## Section 11 TOXICOLOGY INFORMATION

**Acute toxicity:** LD/LC50 values that are relevant for classification: Product has not been tested. Based on the known information of the ingredients, product is expected to have a low order of acute toxicity. (>2,000 mg/kg).

**Primary irritant effect:**

**On the skin:** No irritant effect.

**On the eye:** May cause discomfort, yet not an eye irritant.

**Sensitization:** No sensitizing effects known.

**Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**Carcinogenic categories - IARC (International Agency for Research on Cancer).** None of the ingredients is listed.

**NTP (National Toxicology Program):** none of the ingredients listed

**Section 12 ECOLOGICAL INFORMATION**

<b>Toxicity:</b>	Readily biodegradable.
<b>Aquatic ecotoxicity:</b>	No data available
<b>Persistence and degradability:</b>	This product is readily biodegradable.
<b>Bio accumulative potential:</b>	No data available
<b>Mobility in soil:</b>	No data available
<b>Results of PBT and vPvB assessment:</b>	This product contains no PBT/vPvB chemicals.
<b>Other adverse effects:</b>	No data available

**Section 13 DISPOSAL CONSIDERATIONS**

Dispose in accordance with all applicable regulations.

All wastes must be handled in accordance with local, state and federal regulations. Regulations vary.

**Section 14 TRANSPORT INFORMATION**

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Trans)</b>	<b>ICAO/IATA</b>
<b>UN number:</b>	Not Applicable	Not Applicable	Not Applicable
<b>UN proper shipping name:</b>	NMFC 67500 Minerals Class 50	Not Regulated	Not Regulated
<b>Transport hazard class(es):</b>	DOT Hazard Class: N/A DOT Label: ---	IMDG: Not Applicable Sub Class: N/A	Air Class: N/A
<b>Packing group:</b>	Not Applicable	Not Applicable	Not Applicable
<b>Environmental hazards:</b>	IMDG Marine Pollutant: No		
<b>Special precautions for user:</b>	No further information		
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	Not Applicable		

**Section 15 REGULATORY INFORMATION**

<b>TSCA Inventory Status:</b>	This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.
<b>DSL (Canada):</b>	This product and/or all of its components are either included on or exempt from the Domestic Substances List.
<b>US EPA Tier II Hazards:</b>	<b>Fire:</b> No <b>Sudden Release of Pressure:</b> No <b>Reactive:</b> No <b>Immediate (Acute):</b> Yes <b>Delayed (Chronic):</b> No

**Section 16 Other Information**

<b>HMIS ratings:</b>	Health: 1 Flammability: 0 Physical hazard: 0
<b>NFPA ratings:</b>	Health: 1 Flammability: 0 Reactivity: 0
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