

# SAFETY DATA SHEET

Updated: December 23, 2015  
Page 1 of 4

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Finan HL™**  
Manufactured for: Heartland AG, Inc.  
P.O. Box 167  
407 W. Depot Road  
Farmer City, IL 61842  
Product Use: High Surfactant Oil Concentrate  
Emergency telephone number: (Chemtrec Information 24 hours) (800) 424-9300  
Customer Service, call: (800) 775-0333

## 2. HAZARDS IDENTIFICATION

### GHS Classification:

Acute Toxicity, Category 4 (oral), H302  
Skin Irritation, Category 2, H315  
Eye Irritation, Category 2A, H319  
Aquatic Hazard, Chronic, Category 2, H411  
Flammable Liquid, Category 4, Combustible Liquid, H227



H302, H315, H319      H411

### Signal Word: Warning

### Hazard Statements:

H227: Combustible Liquid.  
H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H411: Toxic to aquatic life with long lasting effects.

### Precautionary Statements:

#### Prevention

P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P103: Read label before use.  
P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
P264: Wash protective equipment and work clothes thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

#### Response

P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor or Chemtrec if person feels unwell.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
    Continue rinsing.  
P321: Treat symptomatically.  
P330: Rinse mouth.  
P332+P313: If skin irritation occurs: Get medical advice or attention.

# SAFETY DATA SHEET

Updated: December 23, 2015

Page 2 of 4

P337+P313: If eye irritation persists: Get medical attention or advice.

P362+P364: Take off contaminated clothing and wash it before reuse.

P370+P378: In case of fire: Use Water and Carbon dioxide (CO<sub>2</sub>) to extinguish.

P391: Collect spillage.

P403+P235: Store in a well-ventilated place, Keep cool.

## Disposal

P501: Dispose of contents/container to disposal plant in accordance with federal, state and local regulations.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Weight %
Mixture	Proprietary	100

## 4. FIRST AID MEASURES

If Swallowed: Call a POISON CENTER/doctor or Chemtrec if person feels unwell. Rinse mouth. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any fluids to an unconscious person.

In on Skin: Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Treat symptomatically. Take off contaminated clothing and wash it before reuse.

If Inhaled: Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention or advice.

Medical Conditions Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate medical condition.

Other Effects: This product is not a carcinogen by NTP, OSHA and ACGIH.

## 5. FIREFIGHTING MEASURES

Suitable Extinguishing media: Water fog, dry chemical, foam, CO<sub>2</sub> or halon. Water stream may splash the burning liquid and spread fire.

Specific Hazards: Oil soaked rags can cause spontaneous combustion if not handled properly. Before disposal, wash rags with soap and water and dry in well ventilated area.

PPE and Precautions: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

In Case of Spill: **Collect spillage.** Stop the flow of material, if this is without risk. Isolate area. Keep unnecessary personnel away. Absorb with an inert material such as sand, soil, or vermiculite and sweep up. Do not allow to enter surface waters or drains. Wash hard surfaces with detergent to remove remaining oil film. Greasy nature will result in slippery surfaces. Retain contaminated wash water and dispose of it.

Disposal: Dispose of collected waste in accordance with federal, state and local regulations.

## 7. HANDLING AND STORAGE

Avoid eye and skin contact. Wash thoroughly after handling. Store between 0 and 120°F. Store and use in well ventilated areas.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits: ACGIH (TLV) – LTE(8h): 20 ppm for 2-butoxyethanol

Eye/Face Protections: Wear protective eyewear. Contact lenses should not be worn when working with chemicals.

# SAFETY DATA SHEET

Updated: December 23, 2015

Page 3 of 4

Skin Protection:	Wear long-sleeved shirt; long pants; socks; shoes; and barrier laminate, neoprene rubber, nitrile rubber or Viton® gloves.
Respiratory Protection:	None required where adequate ventilation conditions exist. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.
Note:	When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed. Eye wash fountains and drench showers should be located within a 10 second walk from the work area per ANSI Z358.1-2009.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, amber liquid	UEL:	N/D
Odor:	Mild	LEL:	N/D
Odor Threshold:	N/D	Vapor Pressure:	N/D
pH (1% in distilled water):	4.9	Vapor Density:	N/D
Melting Point:	N/D	Relative Density:	7.68 bs/gallon
Boiling Point:	>212°F	Solubility in water:	Emulsifies
Flash Point:	N/D	Partition Coefficient:	N/D
Evaporation Rate:	N/D	Autoignition Temperature:	N/D
Flammability:	N/D	Decomposition Temperature:	N/D

## 10. STABILITY AND REACTIVITY

Stability:	Stable
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
Condition to Avoid:	Store within recommended temperature range (see Section 7 above).
Incompatible Materials:	Strong oxidizers.
Hazardous Decomposition Products:	Combustion may yield oxides of carbon and thick smoke.

## 11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	LD50 > 1000 to < 2,000 mg/kg (rat) based on components
----------------------	--

## 12. ECOLOGICAL INFORMATION

No ecological data is available for this product.

## 13. DISPOSAL CONSIDERATIONS

Component Waste Numbers:	No EPA Waste Numbers are applicable for this product's components.
Disposal Instructions:	All wastes must be handled in accordance with local, state and federal regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.
Container Reuse:	An empty container can contain product residue, and should not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse. <b>Dispose of container to disposal plant in accordance with federal, state and local regulations.</b>

## 14. TRANSPORT INFORMATION

UN proper shipping name:	Environmentally hazardous substances, liquid, n.o.s. (Nonylphenol ethoxylated)
US DOT (non-bulk)	Not regulated

# SAFETY DATA SHEET

Updated: December 23, 2015

Page 4 of 4

US DOT (bulk)	NA1993, Combustible liquid, n.o.s., (2-butoxyethanol), PG-III
Road (ADR):	UN3082, Environmentally hazardous substances, liquid, n.o.s., (Nonylphenol ethoxylated), 9, PG-III
Air (ICAO/IATA):	UN3082, Environmentally hazardous substances, liquid, n.o.s., (Nonylphenol ethoxylated), 9, PG-III
Sea (IMO/IMDG):	UN3082, Environmentally hazardous substances, liquid, n.o.s., (Nonylphenol ethoxylated), 9, PG-III
Marine Pollutant:	Yes
Environmental Pollutant:	Yes

## 15. REGULATORY INFORMATION

TSCA: All components of this product are listed under the regulation of the Toxic Substance Control Act.

SARA 313: 2-butoxyethanol

SARA 311/312: Immediate (acute) health effects. / Fire Hazard

California Proposition 65: The product may contain traces of 1,4-Dioxane (<10 ppm) and Ethylene oxide (<1 ppm)

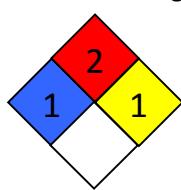
Canadian WHMIS Classification: B-3 (Combustible liquid), D-2B (Toxic)

## 16. OTHER INFORMATION

HMIS Hazard Rating

HEALTH	1
FLAMMABILITY	2
REACTIVITY	1
PERSONAL PROTECTION	X

NFPA Rating



Date Prepared: October 20, 2015

Date Updated: December 23, 2015

**WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, HEARTLAND AG. INC. MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.**

N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.