

# TIGRIS™ DEFOAMER

## SAFETY DATA SHEET

EMERGENCY CALL: 1-800-424-9300 (CHEMTREC)

### 1. IDENTIFICATION

**PRODUCT NAME:** Tigris Defoamer  
**DESCRIPTION:** Agricultural Adjuvant  
**COMPANY IDENTIFICATION:** Tigris, LLC  
P.O. Box 250  
10025 Hwy. 264 Alternate  
Middlesex, NC 27557

**EMERGENCY CONTACT:** In the event of chemical emergencies involving a spill, leak, fire exposure, or accident involving chemicals – call **CHEMTREC (800) 424-9300**

### 2. HAZARD IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Physical:

Combustible dust – does not meet classification criteria for WHMIS 2015 (Canada)

Simple asphyxiant – does not meet classification criteria for WHMIS 2015 (Canada)

Pyrophoric gas – does not meet classification criteria for WHMIS 2015 (Canada)

Physical Hazards Not Otherwise Classified – does not meet classification criteria for WHMIS 2015 (Canada)

##### Health:

###### Acute Toxicity:

Oral (category 5) – not categorized

Dermal (category 5) – not categorized

Inhalation (category 5) – may be harmful if inhaled

###### Health Hazards

###### Category

Skin irritation – causes mild skin irritation

3

Serious eye damage / eye irritation – causes eye irritation

2b

Health Hazards Not Otherwise Classified – does not meet classification criteria for WHMIS 2015 (Canada)

**GHS Label:** No pictogram required

**Signal Word:** WARNING

### PRECAUTIONARY STATEMENTS

#### General:

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Wash hands, face, and other affected areas thoroughly after handling.

#### Response:

**IF SWALLOWED:** Call a POISON CENTER/doctor/seek medical attention if you feel unwell.

**SKIN CONTACT:** Call a POISON CENTER/doctor/seek medical attention if you feel unwell.

If skin irritation occurs: get medical advice/attention.

**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 advice/attention.

**IF INHALED:** Call a POISON CENTER/doctor/seek medical attention if you feel unwell.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS #	Composition
Proprietary mixture of Polydimethylsiloxane, foam suppressing aids, and inert materials	N/A	100%

### 4. FIRST AID MEASURES

**EYES:** Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. Call a doctor for treatment advice if irritation persists.

**SKIN:** Rinse skin immediately with plenty of water for 15–20 minutes. Call a doctor if skin irritation occurs after washing.

**INHALED:** After dust exposure, remove to fresh air. Call a physician if allergic symptoms occur within 48 hours.

**INGESTION:** Not considered to be toxic. Have the person rinse mouth and drink plenty of water. If allergic reaction occurs seek medical attention.



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## 5. FIREFIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water (do not use water jet) dry chemical, foam or carbon dioxide (CO<sub>2</sub>).

**FIRE FIGHTING PROCEDURES:** Fight fire from a safe distance and protected location. Fight fire upwind to avoid hazardous vapors and decomposing products. Heat may build pressure and rupture closed containers, spreading fire and increasing the risk of injury. Use water spray/fog for cooling containers and firefighters.

**FIRE FIGHTING EQUIPMENT:** As with any fire, wear self-contained breathing apparatus pressure demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL AND LEAK RESPONSE:** Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.

**PERSONAL PROTECTIVE EQUIPMENT:** Avoid dust formation. Avoid breathing vapors, mist, or gas. Wear appropriate personal protective equipment (PPE) as specified in section 8.

**ENVIRONMENTAL PRECAUTIONS:** Prevent contamination of soil, ground, and surface water.

**CONTAINMENT AND CLEANUP:** Sweep up and shovel. Keep in suitable, closed containers for disposal. Accidental spills can be cleaned up by sweeping, vacuuming, or flushing with water.

## 7. HANDLING AND STORAGE

**HANDLING:** Provide appropriate exhaust ventilation at places where dust is formed.

**STORAGE:** Store in a cool, dry, well ventilated area. Protect from contamination

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Airborne Exposure Limits:

PEL (OSHA): total dust 15mg/m<sup>3</sup> (TWA); respirable dust 5 mg/m<sup>3</sup> (TWA)  
TLV (ACGIH): total dust 10 mg/m<sup>3</sup>

**Ventilation System:** A system of local and / or general exhaust may be necessary to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emission of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

**Personal Respirators (NIOSH Approved):** An approved NIOSH dust respirator should be used when dust exposure standard is exceeded (nuisance dust 15 mg/m<sup>3</sup>).

**Eye Protection:** Wear OSHA standard chemical splash goggles.

**Skin Protection:** For brief contact, no precautions other than clean body-covering clothing should be need. Use impervious gloves such as neoprene.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White powder

**Odor:** Slight

**pH (10 % aqueous solution):** 6-8

**Melting/freezing point:** Does not apply

**Boiling point/Boiling range:** Not available

**Specific Gravity (20°C):** Does not apply

**Flashpoint:** > 93°C (194°F)

**Color (Gardner):** Does not apply

**Solubility in Water:** Soluble

**Viscosity:** Does not apply

**Odor Threshold:** Does not apply

**Evaporation Rate:** Does not apply

**Upper / Lower Flammability Limits:** Does not apply

**Vapor Pressure:** Does not apply

**Vapor Density:** Does not apply

**Partition Coefficient:** Does not apply

**Auto-Ignition Point:** Not determined

**Decomposition Temperature:** Not determined

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable at ambient temperatures and atmospheric pressure

**CONDITIONS TO AVOID:** Dust generation, excessive heat.

**HAZARDOUS DECOMPOSITION:** Can generate formaldehyde at temperatures of approximately 300°F and above. Can also produce carbon oxides, sulfur oxides, nitrogen oxides, and crystalline silica.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Emergency Overview:** NUISANCE DUST. MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT.

### Acute:

**LD<sub>50</sub> Oral** Rat > 5,000 mg/kg

**LD<sub>50</sub> Dermal** Rat > 5,000 mg/kg

### Possible Health Effects:

**Eye contact:** nuisance dust may cause mechanical irritation.

**Skin contact:** not expected to be a health hazard from skin exposure.

**Inhalation** – excessive concentrations of a nuisance dust may cause reactions such as coughing, sneezing, and nasal irritation.

**Ingestion** – Product is not considered to be toxic but, excessive amounts may result in gastrointestinal irritation, vomiting, diarrhea, liver or kidney damage, central nervous system depression, jaundice, pain in liver with acute human poisoning.

**Chronic exposure:** no data available

**Aggravation of pre-existing conditions:** no data available

**Specific Target Organ Toxicity – Single Exposure:** no data available

**Specific Target Organ Toxicity – Repeated Exposure:** no data available

**Germ Cell Mutagenicity:** no data available

**Reproductive Toxicity:** no data available

**Aspiration Hazard:** no data available



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## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not determined.

## 13. DISPOSAL CONSIDERATIONS

Use normal waste disposal procedures that are in compliance with federal, state, and local regulations.

## 14. TRANSPORT INFORMATION

DOT	Not Regulated
IATA	Not Regulated
IMDG	Not Regulated
TDG	Not Regulated
MEX	Not Regulated
ICAO	(air) Not Regulated
RID	Not Regulated
ADR	Not Regulated
ADN	Not Regulated

## 15. REGULATORY INFORMATION

**SARA TITLE III (Superfund Amendments and Reauthorization Act)**

**311 / 312 Hazard Categories** – None

**313 Reportable Ingredients** – None

**302 / 304 Emergency Planning** – None

**CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65)** – This product contains no chemicals known to the state of California to cause cancer or reproductive toxicity.

**TRACE ELEMENTS:** Trace ingredients (if any) are present in < 1% concentration (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute a significant additional hazard at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), US State equivalents, and Canadian Hazardous Material Identification System Standard (CPR 4)

## 16. OTHER INFORMATION

**REASON FOR ISSUE:** Initial

**APPROVAL BY:** Technical Services Manager

**DISCLAIMER OF LIABILITY:** Tigris, LLC makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of the use, handling and disposal of this product. Since actual use by others is beyond our control; no warranty, expressed or implied, is made by Tigris, LLC as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does Tigris, LLC assume liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other materials or in any process.



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