



Tiger Chemical LLC
250 W. Douglas, Suite 150
Wichita, KS 67202
620-352-0690

HMIS Ratings	
Health	2
Flammability	0
Reactivity	0
PPE	E

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Tiger GS10

UN# UN3266

Recommended Use H2S Scavenger

Manufactured by: Dead Bison Inc (dba DBI)
4101 W Green Oaks Blvd, STE 305-597
Arlington, Texas 76016
Telephone: (817) 437-6438

Emergency Telephone Number (800) 424 9300 Chemtrec
(817) 437 6438 Product or company information

2. HAZARDS IDENTIFICATION

GHS Signal Word

Warning

Pictogram



Hazard Statement

Harmful if swallowed. Causes skin irritation. Causes eye irritation.

GHS Classification

Toxicity, Oral (Category 4)
Skin irritation (Category 2)
Serious Eye Damage/ Eye Irritation (Category 2A)
Aspiration Hazard, Inhalation (Category 1)

Other Hazards

CORROSIVE! Highly alkaline. May be harmful if swallowed. May cause severe eye irritation and irreversible corneal damage. Excessive heat (above 250 F) will result in decomposition to formaldehyde.

GHS Label elements, including precautionary statements

Hazard statement(s)

H302: Harmful if swallowed
H314: Causes severe skin burns and eye damage
H317: May cause serious eye damage
H401: Toxic to aquatic life

Precautionary statement(s)

P201: Obtain special instructions before use.
P202: Do Not handle until all safety precautions have been read and understood
P233: Keep container tightly closed.
P264: Wash skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.

P260: Do not breathe dust fumes.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P303 + P361+ P353 IF ON SKIN (or hair); immediately remove all contaminated clothing. Rinse skin with water/shower.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P308 + P313 IF EXPOSED (or concerned); get medical advice/attention.
P310: Immediately call a POISON CENTRE or doctor/physician.
P333 + P313 :If skin irritation or rash occurs, seek medical advice/attention.
P363: Wash contaminated clothing before reuse.
P370 + P378: IN CASE OF FIRE: Use carbon dioxide (CO2), powder, alcohol-resistant foam for extinction.

HMIS Classification

Health hazard: 3
Flammability: 0
Physical hazards: 0

NFPA Rating

Health hazard: 3
Fire: 0
Reactivity Hazard: 0

Potential Health Effects

Inhalation: GS-1225 does not pose a significant inhalation hazard, but prolonged inhalation may be harmful and can cause headaches, dizziness and nausea. Seek medical attention.
Ingestion: This material may be harmful if swallowed. Seek medical attention.
Skin Contact: May cause skin irritation. Allergic reactions are possible. Passage of this material into the body through the skin is possible, which will add to the toxic effects from ingestion and inhalation.
Eye Contact: Liquid, aerosols and vapors of this product may be irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.
Chronic Exposure: No information found.
Aggravation of Pre-existing Conditions: No information found.
Carcinogenic Effects: Not available.
Mutagenic Effects: Not available.
Teratogenic Effects: Not available.
Developmental Toxicity: Not available.

Target Organs

None

Emergency Overview

OSHA HAZARDS

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Take off contaminated clothing and wash before reuse. Get medical advice/attention if you feel unwell. If exposed or concerned: Call a poison center/doctor.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula Mixture

Chemical name	CAS No.	Weight-%
Triazene	4719-04-4	25-40
Phosphonic acid, [[[phosphonomethyl]imino]bis[6,1-hexanediyl]nitribis(methylene)]]tetrakis-	0034690-00-1	1-30%
Water	7732-18-5	65-80

4. FIRST AID MEASURES

General Advice

If exposed or concerned: get medical attention/advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use.

Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.
Skin Contact	Remove contaminated clothing and shoes. Wash off immediately with soap and plenty of water. Get medical attention if irritation develops or persists. Wash clothing separately before reuse. Destroy or thoroughly clean contaminated shoes. If high pressure injection under the skin occurs, always seek medical attention.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
Ingestion	Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Do not give mouth-to-mouth resuscitation. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Hazardous combustion products

Hazardous decomposition products formed under fire conditions. - Carbon oxides

Further information

Use water spray to cool unopened containers.

Fire-fighting equipment/instructions

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Move containers from fire area if you can do it without risk. In the event of fire, cool tanks with water spray. Cool containers exposed to flames with water until well after the fire is out. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Vapors may form explosive air mixtures even at room temperature. Prevent buildup of vapors or gases to explosive concentrations. Some of these materials, if spilled, may evaporate leaving a flammable residue. Water runoff can cause environmental damage. Use compatible foam to minimize vapor generation as needed.

Specific hazards arising from the chemical

None

6. ACCIDENTAL RELEASE MEASURES

Small Spill:

Avoid breathing mist. Ensure adequate ventilation. Use appropriate tools to put the spilled material in a convenient waste disposal container. Dispose of according to local and regional authority requirements.

Large Spill:

Contain spilled material. Cover with an inert, non-combustible, inorganic absorbent material, or sweep up, and remove to an approved disposal container. Do not let the product enter drains. Use a shovel to put the material into a convenient waste disposal container.

7. HANDLING AND STORAGE

Handling

Do not breathe mist. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not drink, eat or smoke while handling. Respect good personal hygiene. Avoid contact with skin and eyes. Avoid formation of mist and aerosols. Wash hands thoroughly after handling. Provide appropriate exhaust ventilation. If you feel unwell, seek medical attention. Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Keep away from ignition sources and naked flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Airborne Exposure Limits:

None established.

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Respirators (NIOSH Approved): For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator.

Skin Protection: Wear protective gloves and clean body-covering clothing.

Eye Protection: Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Other Control Measures: Maintain good housekeeping in work area. Dust deposits on floors and other surfaces may pick up moisture and cause the surfaces to become slippery and present safety hazards. Handle in accordance with good industrial hygiene and safety practice. Wash hands after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless to light to dark amber	Odor	Mild
Physical State	Liquid	Auto ignition Temperature	No data available
Flash Point	>212°F (100 °C)	Pour Point	No data available
Boiling Point/Range	>212°F (100 °C)	Flammability Limits in Air	No data available
		pH (100%)	9-12
Explosion Limits	No data available	Percent volatile	0%
Specific Gravity	1.046 (8.4-8.6 lb/gal)	Solubility in Water	Complete
Evaporation Rate	No data available	Vapor Pressure	No data available
Vapor Density	No data available	Odor Threshold	No data available

10. STABILITY AND REACTIVITY

Stability: It is stable under ordinary conditions of use and storage. Avoid contact with strong acids, alkali or oxidizing agents.

Hazardous Decomposition Products: It emits toxic fumes and carbon monoxide when heated to decomposition. It may form carbon dioxide and formaldehyde at elevated temperatures.

Hazardous Polymerization: Will not occur.

Incompatibilities: Avoid contact with strong acids, alkali or oxidizing agents.

Conditions to Avoid: Incompatibles.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information The product itself has not been tested.

Irritation Irritating to eyes, respiratory system and skin.

Component Information

Chemical name	Oral LD50	Dermal LD50	LC50 Inhalation
Phosphonic acid, [[[(phosphonomethyl)imino]bis[6,1- hexanediylnitrilobis(methylene)]]]tetrakis- (CAS 0034690-00-1)	LD50 Oral – no information	LD50 Dermal no information	LC50 Inhalation – no information
Triazene (CAS 4719-04-4)	LD50 Oral – rat – 535 mg/kg	LD50 Dermal – rabbit – >2000 mg/kg	LC50 Inhalation – no information

Respiratory or skin sensitization

Respiratory sensitization

Not assigned.

Skin sensitization

Not assigned.

Germ cell mutagenicity

Not assigned.

Special Remarks on Toxicity to Animals: Not available.

Carcinogenic Effects:

Not available.

Mutagenic Effects:

Not available.

Teratogenic Effects:

Not available.

Developmental Toxicity:

Not available.

Acute Potential Health Effects:

Not available.

12. ECOLOGICAL INFORMATION

Environmental Fate:

Based on available information the product will not bio accumulate.

Environmental Toxicity:

Do not apply directly to water or wetlands. Do not contaminate water when disposing of equipment washwaters.

LC50 (bluegill sunfish, adult) -

44.8 mg/l

LC50 (bluegill sunfish, Fingerlings) -

27 mg/l

LC50 (rainbow trout) -

67.3 mg/l

13.0 DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements. Small amounts of this material may be suitable for sanitary sewer or trash disposal.

14. TRANSPORTATION INFORMATION

DOT

Proper Shipping Name(s) Corrosive Liquid, Basic, Inorganic

Reportable Quantity (RQ): NA

Hazard Class 8

UN# 3266

Packing Group II

Marine pollutant: No

Poison Inhalation Hazard: No

15. REGULATORY INFORMATION

SARA 313 Components:

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 0

Reactivity: 0

Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

16. OTHER INFORMATION

Prepared By Greg Swindle

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Revision Date NA

Reason for Revision

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Unless updated, the Safety Data Sheet is valid until 12/31/2029