

H2S Eliminator

MSDS Number: G500A

Revision Date: 8/5/2014

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1	PRODUCT AND COMPANY IDENTIFICATION
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Manufacturer

Wechem, Inc
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Harahan, LA 70123

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Web: www.wechem.com

Product Name: H2S Eliminator
Revision Date: 8/5/2014
MSDS Number: G500A
Product Code: G500
Product Use: Hydrogen Sulfide Eliminator

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

2	HAZARDS IDENTIFICATION
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Route of Entry: Inhalation, ingestion, eye, skin
Target Organs: May cause damage to the following organs: gastrointestinal tract, upper respiratory tract, skin, eyes.
Inhalation: May be toxic if inhaled.
Skin Contact: May cause irritation to skin.
Eye Contact: May cause irritation or burn to eyes.
Ingestion: May be harmful if swallowed.

PERSONAL PROTECTION INDEX													
A											G		
B												H	
C												I	
D												J	
E												K	
F												X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions
A		n		o		p		q		r		s	
t		u		w		y		z		Additional Information			

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GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

- Health, Aspiration hazard, 2
- Health, Skin corrosion/irritation, 2
- Health, Serious Eye Damage/Eye Irritation, 2 A
- Health, Acute toxicity, 4 Inhalation
- Health, Specific target organ toxicity - Single exposure, 3
- Health, Carcinogenicity, 1

GHS Phrases:

- H305 - May be harmful if swallowed and enters airways
- H315 - Causes skin irritation
- H319 - Causes serious eye irritation
- H332 - Harmful if inhaled
- H335 - May cause respiratory irritation
- H350 - May cause cancer

GHS Precautionary Statements:

- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P281 - Use personal protective equipment as required.
- P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
4719-04-4	1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol	5-20%	0.75	0.30	D

This product may release Formaldehyde

A

50-00-0 Formaldehyde

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FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention.
- Skin Contact:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get immediate medical advice/attention.
- Eye Contact:** Immediately flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
- Ingestion:** If material is swallowed, get immediate medical attention or advice. Do not induce vomiting without advice from poison control center. Call a physician immediately.

Notes to physician: If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

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FIRE FIGHTING MEASURES

- Flammability:** Non Flammable
- Flash Point:** None

Extinguishing media: Water fog, foam, dry chemical, carbon dioxide.

Special fire fighting procedures: Keep upwind of fire. wear full fire fighting turn-out gear (full Bunker gear) including NIOSH- approved self contained breathing apparatus with a full facepiece operated in the pressure demand or other positive pressure mode.

Unusual Fire & Explosion Hazards: None

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ACCIDENTAL RELEASE MEASURES

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HANDLING AND STORAGE

- Handling Precautions:** Keep away from sources of ignition- No smoking. Do not breathe gas/fumes/vapor/spray. Use only in well-ventilated areas. Do not get in eyes, on skin, or on clothing. do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling .

Avoid freezing or excessive heat. Do not contaminate water, food or feed by storage or disposal

Storage Requirements:

Laundry contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

Keep out of reach of children. Keep container tightly closed and in a well-ventilated place. Store in a cool dry, climate controlled area, away from incompatibles, sparks and open flame.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal Protective Equip: HMIS PP, B | Goggles, Gloves
Respiratory Protection: None required under normal use conditions, unless exposure limits are exceeded.
Protective gloves: Chemical resistant, rubber
Eye protection: Safety glasses/ goggles

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, Pale Yellow to Amber	Odor:	Characteristic
Physical State:	Liquid	Solubility:	Complete
Spec Grav./Density:	(H2O=1): 1.0 +/- 0.1		
pH:	10 +/- 1		

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STABILITY AND REACTIVITY

Stability: Stable. No dangerous reaction known under conditions of normal use.

Conditions to Avoid: Excessive heat

Materials to Avoid: Strong oxidizing agents and strong acids.

Hazardous Decomposition: Oxides of carbon. Formaldehyde.

Hazardous Polymerization: None

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TOXICOLOGICAL INFORMATION

Data summary for the components are as follows:

Oral LD50 <2000 mg/kg (Rat)
Dermal LD50 >2000 mg/kg (Rabbit)
Inhalation LC50 0.52 mg/L (Rat)
Inhalation LC50 0.371 mg/L (Rat)

This product may release Formaldehyde.
The National Toxicology Program (NTP) has rated Formaldehyde as a known carcinogen.

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ECOLOGICAL INFORMATION

No information is available.

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DISPOSAL CONSIDERATIONS

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

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TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated

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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol (4719044 5-20%) TSCA

*Formaldehyde (50000 n/a%) CERCLA, CSWHS, EHS302, EPCRAWPC, HAP, MASS, NJEHS, NJHS, NRC, OSHAHTS, OSHAPSM, PA, PROP65, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

CERCLA = Superfund clean up substance
CSWHS = Clean water Act Hazardous substances
EHS302 = Extremely Hazardous Substance
EPCRAWPC = EPCRA Water Priority Chemicals
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJEHS = NJ Extraordinarily Hazardous Substances
NJHS = NJ Right-to-Know Hazardous Substances
NRC = Nationally Recognized Carcinogens
OSHAHTS = OSHA Hazardous and Toxic Substances
OSHAPSM = OSHA Chemicals Requiring process safety management
PA = PA Right-To-Know List of Hazardous Substances
PROP65 = CA Prop 65
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous waste List

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OTHER INFORMATION

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal data only
N/A = Not available N/D = Not determined