

Performance Chemical Co.

Product: GS-220

Current Issue Date: June-1-2016

Page 1 of 6

GS-220

GHS

Safety Data Sheet

From: Performance Chemical Company

9105 W Interstate 20
Midland, TX 79706

Phone: (432) 332-3059
Fax: (432) 332-3097

All non-emergency questions should be directed to (432) 332-3059 for assistance.

24 Hour Emergency Telephone
CHEM-TEL, INC. 1-800-255-3924

NOTE: CHEM-TEL emergency number to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.

1. Product Identification

Trade Name GS-220
CAS Number: Mixture – See Section 2
Product Family: Complex Mixture
Synonyms: N/AP

2. Hazards Identification

Hazards Classification: Eye Irritant-Category 2A
Skin Irritant-Category 3



WARNING!

Hazard Statement:

Skin irritation develops slowly after contact. Eye irritation develops immediately upon contact.
Overexposure: Irritation of Respiratory Tract, Nervous System Depression, Headaches, Dizziness, Staggering Gait, Confusion, Unconsciousness, Coma.

Precautionary Statement:

In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give

Performance Chemical Co.

Product: GS-220

Current Issue Date: June-1-2016

Page 2 of 6

oxygen. Get medical attention. If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person.

3. Composition/Information on Ingredients

COMPONENT	EXPOSURE LIMITS	CAS#	BY WEIGHT
1,3,5-Triazine-1,3,5 (2H,4H,6H)- triethanol		4719-04-4	1-3%

4. First Aid Measures:

EYE CONTACT:	Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open: Get medical attention if irritation persists.
SKIN CONTACT:	Wash with soap and water. Get medical attention if irritation develops or persists.
INHALATION:	Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
INGESTION:	Get medical attention immediately. Do not give anything by mouth to an unconscious person. Place victim on left side with head down to prevent aspiration into lungs. Call a physician or poison control center immediately for advice on inducing vomiting.

5. Fire Fighting Measures

AUTOIGNITION TEMPERATURE:	N.D.
EXTINGUISHING MEDIA:	Dry powder, Carbon dioxide, Alcohol foam
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Gaseous formaldehyde vapors are evolved by hot solutions and are highly toxic.
SPECIAL FIRE FIGHTING PROCEDURES:	Containers can build up pressure if exposed to heat (fire). As in any fire, wear a self-contained breathing apparatus pressure-demand (MSHAINIOSH approved or equivalent) and full protective gear. Apply alcohol-type foam or all-purpose foam by manufacturers recommended techniques for large fires. Use carbon dioxide or dry chemical for small fires. Use water spray to keep containers cool.
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:	Extinguish any possible ignition source until the area is determined to be free from fire or explosion hazard. Absorb spill with inert material (e.g. sand or earth), then place in a chemical waste container. (See exposure controls/personal protection section). Spilled material should be disposed of according to applicable regulations.

6. Accidental Release Measures

FOR SPILL.....	In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.
WASTE DISPOSAL.....	Hazardous waste. EPA approved hazardous waste disposal site. Follow applicable local, state and federal regulations.

Performance Chemical Co.

Product: GS-220

Current Issue Date: June-1-2016

Page 3 of 6

7. Handling and Storage

HANDLING:	Handle all chemicals with care. Ground and bond containers when transferring materials.
STORAGE:	Keep away from heat, sparks, and flames. Keep container closed when not in use. Store in a cool, dry, well ventilated place away from incompatible materials.
ENGINEERING CONTROLS:	Local exhaust ventilation may be necessary to control any air contaminants within their exposure limits.
RESPIRATORY PROTECTION:	Use a NIOSH/MSHA approved air-purifying respirator with an organic vapor cartridge when high airborne concentrations are expected. High airborne concentrations are found in enclosed spaces or areas with poor ventilation. Protection by air purifying respirators is limited.
SKIN PROTECTION:	When contact is likely wear chemical resistant gloves and boots.
EYE PROTECTION:	Wear safety glasses with side shields or goggles.
OTHER PROTECTIVE EQUIPMENT:	Emergency eye wash stations and deluge showers should be available in the work area.
HYGENIC PRACTICES:	Wash hands before eating. Use only with adequate ventilation. Remove contaminated clothing and wash before reuse.

8. Exposure Controls and Personal Protection

Engineering Controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and/or mists below the pertinent exposure limits. All electrical equipment should comply with the NFPA NEC Standards. Ensure that an emergency eye wash station and safety shower are near the work-station location.

Personal Protective Equipment (PPE) Wear appropriate chemical resistant clothing. Wear appropriate chemical resistant gloves.



Eye Protection	Safety glasses with side shields are recommended as a minimum protection. During transfer operations or when there is a likelihood of misting, splashing, or spraying, chemical goggles and face shield should be worn. Suitable eye wash equipment should be readily available.
Hand Protection	Avoid skin contact and use gloves (disposable PVC, neoprene, Nitrile, vinyl, or PVC/NBR). Before eating, drinking, smoking, use of toilet facilities, or leaving work, wash hands with plenty of mild soap and water. DO NOT use gasoline, kerosene, other solvents, or harsh abrasive skin cleaners.
Body Protection	Avoid skin contact. It is recommended that fire-retardant garments (e.g. Nomex™) be worn while working with flammable and combustible liquids. If splashing or spraying is expected, chemical-resistant protective clothing (Tyvek®, Nitrile, or neoprene) should be worn. This might include long sleeves, apron, slicker suit, boots, and additional facial protection. If general contact occurs, IMMEDIATELY remove soaked clothing and take a shower. Contaminated leather goods should be removed promptly and discarded.
Respiratory Protection	For unknown vapor concentrations use a positive-pressure, pressure-demand, self-contained breathing apparatus (SCBA). For known vapor concentrations above the occupational exposure guidelines (see below), use a NIOSH-approved organic vapor respirator if adequate protection is provided. Protection factors vary depending upon the type of respirator used. Respirator use should follow OSHA requirements (29 CFR 1910.134) or equivalent standard (e.g. ANSI Z88.2).

9. Physical and Chemical Properties

APPEARANCE: Colorless, hazy solution

Performance Chemical Co.

Product: GS-220

Current Issue Date: June-1-2016

Page 4 of 6

ODOR:	Pungent odor
BOILING POINT (RANGE):	N.D.
FREEZE POINT:	N.D.
VAPOR DENSITY:	Heavier than air
VAPOR PRESSURE:	N.D.
PHYSICAL STATE:	Liquid
SOLUBILITY IN WATER:	Soluble (RO or Chelated Waters)
PH:	10.5-11
SPECIFIC GRAVITY:	1.108

10. Stability and Reactivity Data

CONDITIONS TO AVOID:	Avoid temperature extremes. Excessive heat causes the vapor pressure to increase rapidly.
INCOMPATIBILITY:	Avoid contact with strong oxidizers, alkalis, urea, and phenols. Strong acids liberate formaldehyde.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and nitrogen. Formaldehyde.
HAZARDOUS POLYMERIZATION:	Will not occur under normal use and storage conditions.
CHEMICAL STABILITY:	This product is stable under normal storage conditions.

11. Toxicological Information

ORAL:	No product is available.
DERMAL:	No product information is available.
INHALATION:	No product information is available.

12. Ecological Information

ECOTOXICITY:	No product information is available.
CHEMICAL FATE INFORMATION:	No product information is available.

13. Disposal Considerations

WASTE DISPOSAL:	Consult local, state, or federal regulatory agencies for acceptable disposal procedures and disposal locations.
RCRA STATUS:	N.D.

14. Transportation Information

(NON-BULK SHIPMENTS)	
D.O.T. PROPER SHIPPING NAME:	Not Regulated
D.O.T. TECHNICAL NAME:	Non-hazardous for D.O.T. purposes
D.O.T. HAZARD CLASS:	N/A
D.O.T. UN NUMBER:	N/A

Performance Chemical Co.

Product: GS-220

Current Issue Date: June-1-2016

Page 5 of 6

HAZARD SUBCLASS: N/A

PACKING GROUP: N/A

RESP. GUIDE PAGE: N/A

(BULK SHIPMENTS)

D.O.T. PROPER SHIPPING NAME: Combustible Liquid, n.o.s

D.O.T. TECHNICAL NAME: (Butoxymethanol)

D.O.T. HAZARD CLASS: 3

HAZARD SUBCLASS: N/A

D.O.T. UN NUMBER: NA 1993

PACKING GROUP: III

RESP. GUIDE PAGE: 132

T.D.G. PROPER SHIPPING NAME: Not Regulated

T.D.G. TECHNICAL NAME: Non-hazardous for D.O.T. purposes

T.D.G. HAZARD CLASS: N/A

HAZARD SUBCLASS: N/A

T.D.G. UN NUMBER: N/A

PACKING GROUP: N/A

RESP. GUIDE PAGE: N/A

IMDG PROPER SHIPPING NAME: Not Regulated

IMDG TECHNICAL NAME: Non-hazardous for D.O.T. purposes

IMDG HAZARD CLASS: N/A

HAZARD SUBCLASS: N/A

IMDG UN NUMBER: N/A

PACKING GROUP: N/A

EmS NO.: N/A

15. Regulatory Information

CERCLA-SARA HAZARD CATEGORY:

Section 311/312: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD

CHRONIC HEALTH HAZARD

FIRE HAZARD

Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. All components of this product are listed on the Toxic Substance Control Act Inventory or are excluded from the listing requirements.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

CANADIAN ENVIRONMENTAL PROTECTION ACT: All components of this product are listed on the Canadian Domestic Substance List (DSL).

Explanation of the HMIS® Ratings

HMIS Rating- Health: 2

Flammability: 2

Reactivity: 0

Personal Protective Rating: H

Performance Chemical Co.

Product: GS-220

Current Issue Date: June-1-2016

Page 6 of 6

Legend: N/A – Not Applicable, N/E – Not Established, N.D. – Not determined

16. Other Information

This product's Health and Safety information is provided to assist our customers in assessing compliance with health, safety and environmental regulations. The following information contained herein is based on data available to us, and is believed to be accurate, although no guarantee or warranty is provided or implied by the company in this respect. Since the use of this product is within the exclusive control of the user, it is the user's responsibility to determine the conditions of safe use. Such conditions must comply with all governmental regulations.