

GA-225CE      **A-Side****SDS****SAFETY DATA SHEET**

GA- 225CE

**A-SIDE**

Revised June 17, 2015

**1. IDENTIFICATION**

Product Identifier used on label:  
**GA-225CE A-COMPONENT**

**Details of supplier of the Safety Data Sheet**Company:

Bridgeport Chemical, LLC  
291 West McCallen  
Sikeston, MO 63801

**Emergency telephone number**

CHEMTREC: 800-424-9300

**2. HAZARDS IDENTIFICATION****Classification of the product**

GHS05: Corrosive

GHS07: Acute Toxicity. Harmful if swallowed. Harmful if inhaled.

STOT SE 3: May cause respiratory irritation

**Label Elements**

Pictogram:

**Signal Words**

Danger

**Hazard Statements**

H302+H332:

Harmful if swallowed or if inhaled

H314:

Causes severe skin burns and eye damage.

- H317: May cause an allergic skin reaction.  
H335: May cause respiratory irritation.  
Contains trimethylhexane-1,6-diamine. May produce an allergic reaction.
- Precautionary Statements (Prevention)**
- P260: Do not breathe dust/fume/gas/mist/vapours/spray.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P264: Wash 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.  
P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately 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.  
P310: Immediately call a POISON CENTER or doctor/physician.  
P321: Specific treatment (see on this label).  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
P363: Wash contaminated clothing before reuse.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P330: Rinse mouth.  
P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P405: Store locked up.  
P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information**

Except for skin sensitization, repeated exposures to low molecular weight epoxy resins of this type are not anticipated to cause any significant adverse effects. A Poorly characterized sample of low molecular weight epoxy resin of this type has been reported to produce skin cancer in a highly sensitive strain of mice. However, high levels of impurities compromise the validity of the findings. Epoxy resin that is representative of the current manufacturing processes is not believed to be a cancer hazard to humans. Results of the mutagenicity tests in animals have been negative. Has been shown to be negative in some in vitro mutagenicity tests and positive in others.

**Hazards not otherwise classified**

None

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| <u>Component</u>            | <u>%</u> | <u>CAS#</u> |
|-----------------------------|----------|-------------|
| m-phenylenebis (methylaime) | 25-50    | 1477-55-0   |
| Benzyl alcohol              | 10-25    | 100-51-6    |
| 4-tert-butylphenol          | 10-25    | 98-54-4     |
| Trimethylhexane-1,6-diamine | 2.5-10   | 25620-58-0  |

**4. FIRST AID**

Move exposed person to fresh air. If breathing is labored, oxygen should be administered by qualified personnel. Immediately remove any clothing soiled by the product.

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

After contact with skin, wash immediately with plenty of warm, soapy water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Provided the patient is conscious, wash out mouth with water. Get medical attention if symptoms appear.

**5. FIRE FIGHTING MEASURES**

**Extinguishing Media:** Use fire extinguishing methods suitable to surrounding conditions.

**Special protective actions for fire-fighters:**

Promptly isolate the scene by removing all persons from the vicinity of the incident, if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters:**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. PVC boots, gloves, safety helmet and protective clothing should be worn.

**6. ACCIDENTAL RELEASE MEASURES**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and

collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

**Information about fire - and explosion protection:** No special measures required.

### Conditions for safe storage, including any incompatibilities:

Store in a cool location. Store away from foodstuffs. Do not store together with oxidizing and acidic materials.

**Further information about storage conditions:** Store in cool, dry conditions in well-sealed receptacles.

### Specific end use(s):

No further relevant information available.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Engineering Controls:** Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Smell is not an adequate indicator of hazard.

**Ventilation:** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Protective Gear:** In case of inadequate ventilation, wear respiratory protection. 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.

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all time when handling chemical products if a risk assessment indicates this is necessary.

Safety eyewear complying with an approved standard should be used when a risk assessment indicate this is necessary to avoid exposure to liquid splashes, mists or dusts.

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:

Liquid

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## SDS

|                            |                |
|----------------------------|----------------|
| Odor:                      | Ammonia-like   |
| Odor Threshold:            | Not Determined |
| Color:                     | Yellow         |
| pH Value:                  | Not Determined |
| Freezing Point:            | Not Determined |
| Boiling Point:             | 356 degrees F  |
| Flash Point:               | >284 degrees F |
| Flammability:              | Not Applicable |
| Vapor Density:             | Not Determined |
| Viscosity:                 | Not Determined |
| Self-Ignition Temperature: | Not Determined |
| Solubility in water:       | Not Determined |
| Evaporation rate:          | Not Determined |

### 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable at room temperature. No specific test data related to reactivity is available for this product or its ingredients.

**Hazardous reactions:**

Reacts with strong acids and oxidizing agents  
Reacts with peroxides and other radical forming substances

**Hazardous decomposition products:**

Carbon Monoxide and Carbon Dioxide  
Ammonia  
Nitrogen Oxides

### 11. TOXICOLOGICAL INFORMATION

**Acute oral toxicity**

1477-55-0 m-phenylenebis(methylamine):  
Oral LD50 – 1040 mg/kg (rat)  
Inhalative LC50 – 2000 mg/kg (rabbit)

100-51-6 Benzyl alcohol:  
Oral LD50 – 1230 mg/kg (rat)  
Dermal LD50 – 2000 mg/kg (rabbit)

25620-58-0 trimethylhexane-1,6-diamine  
Oral LD50 – 900 mg/kg (rat)

**Primary irritant effect:**

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**on the skin:** Caustic effect on skin and mucous membranes.

**on the eye:** Strong caustic effect.

**Sensitization:**

Sensitization possible through skin contact.

**Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Substances and Preparations as issued in the latest version:

Harmful, Corrosive, Irritant

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

## 12. ECOLOGICAL INFORMATION

**Toxicity**

No further relevant information available

**Persistence and degradability**

No further relevant information available

**Bioaccumulative potential**

No further relevant information available

**Mobility in soil**

No further relevant information available

**General Notes:**

Water hazard class 2 (German Regulation) (Self-Assessment): hazardous for water. Do not allow product to reach ground water, water course or sewage systems. Must not reach sewage water or drainage ditch undiluted or unneutralized.

Danger to drinking water if even small quantities leak to ground.

## 13. DISPOSAL CONSIDERATION (INCLUDING CONTAINER)

The generation of waste should be avoided or minimized by using excess product in an alternate, beneficial application wherever possible.

Empty containers may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers.



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Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **14. TRANSPORT AND INFORMATION**

**UN Number**

UN1760

**UN Proper shipping name**

UN1760 Corrosive Liquid, N.O.S. (m-phenylenbis) methylamine, 4-tert-butylphenol

**Transport Hazard Class**

8, Corrosive substances

**Packing Group**

II

**Additional Information**

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

#### **15. REGULATORY INFORMATION:**

**Safety Health and environment regulations/legislation specific for the substance or mixture.**

**NORTH AMERICA**

**SARA**

Section 313 (specific toxic chemical listings): None of the ingredients are listed

Section 355 (extremely hazardous substances): None of the ingredients are listed

**TSCA (Toxic Substances Control Act)**

Inventory: All ingredients are listed

**Proposition 65 (California)**

Chemicals known to cause cancer: None of the ingredients are listed

Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed

Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed

Chemicals known to cause developmental toxicity: None of the ingredients are listed

**Canadian Domestic Substance List (DSL)**

All ingredients are listed



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**Canadian Ingredient Disclosure List (Limit 0.1%)**

None of the ingredients are listed

**Canadian Ingredient Disclosure List (Limit 1%)**

Ingredients are listed as required

**Carcinogenic Categories**

**EPA (Environmental Protection Agency)**

None of the ingredients are listed

**TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients are listed

**NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients are listed

**OSAH-Ca (Occupational Safety & Health Administration)**

None of the ingredients are listed

**16. OTHER INFORMATION**

**SDS Prepared by:**

Superskinsystems, Inc.

SDS Prepared on: 06/17/2015

Disclaimer/Statement of Liability:

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**END OF SAFETY DATA SHEET**