

JAN 10 2013



**Georgia-Pacific**  
Chemicals

## Material Safety Data Sheet

### GP® 4839 Phenolic Resin Catalyst

#### 1. Product and company identification

Product name : GP® 4839 Phenolic Resin Catalyst  
 Synonym : CCPC 4839  
 Manufacturer : Georgia-Pacific Chemicals LLC  
 133 Peachtree Street, NE  
 Atlanta, GA 30303  
 (770) 593-6874 (Non-Emergency)  
 In case of emergency : Call CHEMTREC (CCN9376) at 1-800-424-9300 or +703-527-3887 (Int'l) 24hrs

#### 2. Hazards identification

##### Emergency overview

Physical state : Liquid.  
 Color : Clear to light yellow  
 Odor : sour [Slight]  
 Signal word : DANGER!  
 Hazard statements : CAUSES RESPIRATORY TRACT, EYE AND SKIN BURNS. MAY BE HARMFUL IF ABSORBED THROUGH SKIN OR IF SWALLOWED.

Precautionary measures : Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Do not get in eyes. Do not get on skin. Avoid prolonged contact with eyes, skin and clothing. Keep container tightly closed. Wash thoroughly after handling.

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

##### Potential acute health effects

Eyes : Corrosive to eyes. Causes burns.  
 Skin : Corrosive to the skin. Causes burns. Harmful in contact with skin.  
 Inhalation : Corrosive to the respiratory system.  
 Ingestion : Harmful if swallowed. May cause burns to mouth, throat and stomach.  
 Eyes : Adverse symptoms may include the following: pain watering redness  
 Skin : Adverse symptoms may include the following: pain or irritation redness blistering may occur  
 Inhalation : Adverse symptoms may include the following: respiratory tract irritation coughing  
 Ingestion : Adverse symptoms may include the following: stomach pains

##### Medical conditions aggravated by over-exposure

: None known.

##### Potential chronic health effects

See toxicological information (Section 11)

**3. Composition/information on ingredients****United States**

Name	CAS number	%
Proprietary	-	<35

**Canada**

Name	CAS number	%
Proprietary	-	<35

**Mexico**

Name	CAS number	UN number	%	IDLH	Classification			
					H	F	R	Special
Proprietary	-	UN2810	<35	-	2	1	0	-

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

**4. First aid measures**

- Eye contact** : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention immediately.
- Skin contact** : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.
- Inhalation** : Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
- Ingestion** : Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
- Notes to physician** : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**5. Fire-fighting measures**

- Flammability** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Flash point** : [Product does not sustain combustion.]
- Extinguishing media**
- Suitable** : In case of fire, use water, dry chemical powder or carbon dioxide.
- Not suitable** : None known.
- Special exposure hazards** : 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.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
sulfur oxides
- 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.
- Special remarks on fire hazards** : Nonflammable, but may burn on prolonged exposure to flame or high temperature.

## 6. Accidental release measures

- Personal precautions** : 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).
- Environmental precautions** : 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).
- Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. 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). The spilled material may be neutralized with sodium carbonate, sodium bicarbonate or sodium hydroxide. 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

- Handling** : Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from alkalis. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Separate from alkalis. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8. Exposure controls/personal protection

### United States

### Canada

#### Occupational exposure limits

No exposure limit value known.

### Mexico

#### Occupational exposure limits

No exposure limit value known.

### **Consult local authorities for additional exposure information.**

#### Recommended monitoring procedures

: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

#### Engineering measures

: 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.

## 8. Exposure controls/personal protection

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

### Personal protection

- Eyes** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. Recommended: Face shield with safety glasses or chemical safety goggles.
- Hands** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.  
Rubber gloves. Neoprene gloves.
- Skin** : 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.  
Recommended: Chemical-resistant apron. chemical-resistant protective suit Rubber boots.
- Respiratory** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. 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.

**Environmental exposure controls** : 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.

## 9. Physical and chemical properties

- Physical state** : Liquid.
- Flash point** : [Product does not sustain combustion.]
- Color** : Clear to light yellow
- Odor** : sour [Slight]
- pH** : <1
- Boiling/condensation point** : >100°C (>212°F)
- Relative density** : 1.17
- Volatility** : 60% (w/w)
- Solubility** : Soluble in the following materials: cold water and hot water.

## 10. Stability and reactivity

- Chemical stability** : Stable under recommended storage and handling conditions (see section 7).
- Conditions to avoid** : No specific data.
- Incompatible materials** : Avoid contact or contamination with strong oxidizers, reducing agents, alkalis, metals or metallic salts.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous polymerization will not occur.

**11. Toxicological information****Acute toxicity**

Conclusion/Summary : Harmful if swallowed.

Product/ingredient name	Result	Species	Dose	Exposure
Proprietary	LD50 Dermal	Rabbit	>1000 mg/kg	-
	LD50 Oral	Rat	200 mg/kg	-

**Chronic toxicity**

Conclusion/Summary : Not available.

**Irritation/Corrosion**

Conclusion/Summary

Eyes : Corrosive to eyes.

Skin : Corrosive to skin on contact.

Respiratory : Corrosive to the respiratory system.

Product/ingredient name	Result	Species
Proprietary	Eyes - Severe irritant	Rabbit

**Sensitizer**

Conclusion/Summary : Not available.

**Carcinogenicity**

Conclusion/Summary : Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH.

**12. Ecological information****Aquatic ecotoxicity**

Conclusion/Summary : Not available.

**Persistence/degradability**

Conclusion/Summary : Not available.

**13. Disposal considerations**



**Waste disposal** : The generation of waste should be avoided or minimized wherever possible. Empty containers or liners 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.

**RCRA classification** : D002

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

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

**14. Transport information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Reportable quantity	Placard/Label	Additional information
DOT Classification BULK	UN 3265	Corrosive liquids, acidic, organic, n.o.s. (Alkylsulfonic acid)	8	III	-		-
DOT Classification NON-BULK	UN 3265	Corrosive liquids, acidic, organic, n.o.s. (Alkylsulfonic acid)	8	III	-		-
					-		

14. Transport information							
TDG Classification	UN 3265	Corrosive liquids, acidic, organic, n.o.s. (Alkylsulfonic acid)	8	III			-
Mexico Classification	UN 3265	Corrosive liquids, acidic, organic, n.o.s. (Alkylsulfonic acid)	8	III	-		-

PG\* : Packing group

### 15. Regulatory information

#### United States

HCS Classification : Corrosive material

United States inventory (TSCA 8b) : All components are listed or exempted.

U.S. Federal regulations : **SARA 302/304/311/312 extremely hazardous substances:** No products were found.  
**SARA 302/304 emergency planning and notification:** No products were found.  
**SARA 302/304/311/312 hazardous chemicals:** No products were found.  
**SARA 311/312 MSDS distribution - chemical inventory - hazard identification:** No products were found.

#### State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : The following components are listed: Proprietary

Pennsylvania : None of the components are listed.

#### Canada

WHMIS (Canada) : Class E: Corrosive material

#### Canadian lists

Canada inventory : Not determined.

Canadian NPRI : None of the components are listed.

CEPA Toxic substances : None of the components are listed.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

### 16. Other information

Label requirements : CAUSES RESPIRATORY TRACT, EYE AND SKIN BURNS. MAY BE HARMFUL IF ABSORBED THROUGH SKIN OR IF SWALLOWED.

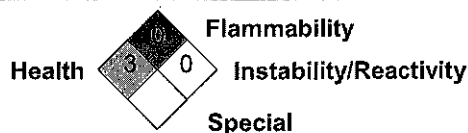
Hazardous Material Information System (U.S.A.) :

Health	3
Flammability	0
Physical hazards	0

The customer is responsible for determining the PPE code for this material.

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

## 16. Other information



**Other special considerations** : In compliance with good industrial hygiene practice, exposure to any chemical should be kept to a minimum.

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New format

**Date of previous issue** : No previous validation.

**Version** : 1

**Prepared by** : Georgia-Pacific Chemicals LLC  
Product Information Services Group

✓ Indicates information that has changed from previously issued version.

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