

## Safety Data Sheet ONT.0024

# Date of issue: 05/15/2017 Version: 1.0 SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### **Product identifier** 1.1.

Other Means of Identification Not Available

**Product Type** Liquid

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

### **Supplier**

MCGEHEE & MCGEHEE ENTERPRISES INC

120 SOUTH BOGGESS AVENUE

T (270) 338-4600 - F (270) 338-4602

#### 1.4. **Emergency telephone number**

1-800-424-9300 (CHEMTREC) **Emergency number** 

### SECTION 2: Hazards identification

#### **OSHA/HCS Status**

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

## **Classification of the Substance or Mixture**

AQUATIC HAZARD (ACUTE) - Category 3

## **GHS Label Elements**

SIGNAL WORD: No signal word.

HAZARD STATEMENTS:

H402 - Harmful to Aquatic Life

### PRECAUTIONARY STATMENTS:

Prevention: P273 - Avoid release to the environment.

Response: Not applicable. Storage: Not applicable.

Disposal: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

#### **Hazards not Otherwise Classified**

None known.

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## SECTION 3: Composition/Information on ingredients

### 3.1 Substance/Mixture

Mixture

#### 3.2 Other Means of Identification

Not available.

#### 3.3 CAS Number/Other Identifiers

CAS Number: Not applicable.

Product Code: 0204

INGREDIENT NAME	%	CAS NUMBER
Benzenesulfonic Acid, C10-16-alkyl derivs.	≥5 - ≤7.4	68584-22-5
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	≥1 - < 2.5	68585-34-2
Alcohols, C10-16	≥0.1 - ≤0.3	67762-41-8

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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.

Occupational exposure limits, if available, are listed in Section 8.

## SECTION 4: First aid measures

### 4.1 Description of Necessary First Aid Measures

### 4.1.1 EYE CONTACT

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention if irritation occurs.

## 4.1.2 INHALATION

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## 4.1.3 SKIN CONTACT

Flush contaminated skin with plenty of water. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

### 4.1.4 INGESTION

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that the vomit does not enter the lungs. Get medical attention if adverse health effects persists or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## 4.2 Most Important Symptoms/Effects, Acute and Delayed

## 4.2.1 POTENTIAL ACUTE HEALTH EFFECTS

Eye Contact: No known significant effects or critical hazards. Inhalation: No known significant effects or critical hazards. Skin Contact: No known significant effects or critical hazards. Ingestion: No known significant effects or critical hazards.

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### 4.2.2 OVER-EXPOSURE SIGNS/SYMPTOMS

Eye Contact: No known significant effects or critical hazards. Inhalation: No known significant effects or critical hazards. Skin Contact: No known significant effects or critical hazards. Ingestion: No known significant effects or critical hazards.

## 4.3 Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary

#### 4.3.1 NOTES TO PHYSICIAN

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

### 4.3.2 SPECIFIC TREATMENTS

No specific treatment.

### 4.3.3 PROTECTION OF FIRST-AIDERS

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

SEE TOXICOLOGICAL INFORMATION (SECTION 11)

## SECTION 5: Firefighting measures

### 5.1 Extinguishing Media

Suitable Extinguishing Media:

Use an extinguishing agent suitable for the surrounding fire.

Unsuitable Extinguishing Media:

None known.

Specific Hazards Arising from the Chemical:

This material is harmful to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous Thermal Decomposition Products:

Decomposition products may include the following materials:

halogenated compounds metal oxide/oxides

Special Protective Actions for Fire-Fighters:

No special protection is required.

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.

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## SECTION 6: Accidental release measures

## 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

### For Non-Emergency Personnel:

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. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

#### For Emergency Responders:

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

#### **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). Water polluting material. May be harmful to the environment if released in large quantities.

## 6.2 Methods and Materials for Containment and Cleaning Up

#### SMALL SPILL:

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry 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. Wash spillages into an effluent treatment plant or proceed as follows. Contains 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.

## SECTION 7: Handling and storage

## 7.1 Precautions for Safe Handling

#### PROTECTIVE MEASURES:

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

### ADVICE ON GENERAL OCCUPATIONAL HYGIENE:

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. See also Section 8 for additional information on hygiene measures.

## CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

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. 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. See Section 10 for incompatible materials before handling or use.

## SECTION 8: Exposure controls/personal protection

#### 8.1 Control Parameters

OCCUPATIONAL EXPOSURE LIMITS:

INGREDIENT NAME	EXPOSURE LIMITS
Benzenesulfonic acid, C10-16-alkyl derivs.	None
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	None
Alcohols, C10-16	None

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### APPROPRIATE ENGINEERING CONTROLS:

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### **ENVIRONMENTAL EXPOSURE CONTROLS:**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legis-

#### 8.3 Individual Protection Measures

## 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.

### EYE/FACE PROTECTION:

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, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### 8.4 Skin Protection

#### HAND PROTECTION:

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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

### **BODY PROTECTION:**

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.

#### OTHER SKIN PROTECTION:

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## RESPIRATORY PROTECTION:

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

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## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Physical State : Liquid [Viscous.]

Color : Red
Odor : Fruit

Odor Threshold : Not Available

pH : 9

Melting Point : No data available

Boiling Point : No data available

Flash Point : No data available

Evaporation Rate : No data available

Flammability (solid, gas) : No data available

Lower and Upper Explosive (flammble) limits : No data available

Vapor Pressure : No data available

Vapor Density : No data available

Relative Density : 1.02

Solubility : No data available

Partition coefficient: n-octanol/water : No data available

Auto-Ignition Temperature : No data available

Decomposition Temperature : No data available

Viscosity : No data available

VOC Content : No data available

## **SECTION 10: Stability and reactivity**

### 10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

## 10.2 Chemical Stability

The product is stable.

## 10.3 Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

## 10.4 Conditions to Avoid

No specific data.

## 10.5 Incompatible Materials

Reactive or incompatible with the following materials: oxidizing materials.

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### 10.6 Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

## 11.1 Information on Toxicological Effects

**ACUTE TOXICITY** 

PRODUCT/ INGREDIENT NAME	RESULT	SPECIES	DOSE	EXPOSURE
Benzenesulfonic acid,	LD50 Dermal	Rabbit	2000 mg/kg	-
C10-16-alkyl derivs.	LD50 Oral	Rat	775 mg/kg	-

#### 11.2 IRRITATION/CORROSION:

There is no data available.

## 11.3 SENSITIZATION:

There is no data available.

#### 11.4 MUTAGENICITY:

There is no data available.

## 11.5 CARCINOGENICITY:

CLASSIFICATION:

PRODUCT/ INGREDIENT NAME	OSHA	IARC	NTP	ACGIH	ЕРА	NIOSH
Sulfuric Acid	-	1	Known to be a human carcinogen.	A2	-	-

## 11.6 Reproductive Toxicity

There is no data available.

## 11.7 Teratogenicity

There is no data available.

### 11.8 Specific Target Organ Toxicity (Single Exposure)

There is no data available.

## 11.9 Specific Target Organ Toxicity (Repeated Exposure)

There is no data available.

## 11.10 Aspiration Hazard

There is no data available.

## 11.11 Information on the Likely Routes of Exposure

Dermal contact. Eye contact. Inhalation. Ingestion.

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#### 11.12 Potential Acute Health Effects

**EYE CONTACT:** 

No known significant effects or critical hazards.

INHALATION:

No known significant effects or critical hazards.

SKIN CONTACT:

No known significant effects or critical hazards.

INGESTION:

No known significant effects or critical hazards.

## 11.13 Symptoms Related to the Physical, Chemical and Toxicological Characteristics

EYE CONTACT:

No known significant effects or critical hazards.

INHALATION:

No known significant effects or critical hazards.

SKIN CONTACT:

No known significant effects or critical hazards.

INGESTION:

No known significant effects or critical hazards.

## 11.14 Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure

## SHORT TERM EXPOSURE:

Potential Immediate Effects: No known significant effects or critical hazards. Potential Delayed Effects: No known significant effects or critical hazards.

### LONG TERM EXPOSURE:

Potential Immediate Effects: No known significant effects or critical hazards. Potential Delayed Effects: No known significant effects or critical hazards.

## POTENTIAL CHRONIC HEALTH EFFECTS:

General: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental Effects: No known significant effects or critical hazards.

Fertility Effects: No known significant effects or critical hazards.

### 11.15 Numerical Measures of Toxicity

## **ACUTE TOXICITY ESTIMATES**

ROUTE	ATE Value
Oral	11418.6 mg/kg
Dermal	29467.2 mg/kg

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## SECTION 12: Ecological information

### 12.1 Toxicity

PRODUCT/INGREDIENT NAME	RESULT	SPECIES	EXPOSURE
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	Acute EC50 3.43 mg/L Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours

### 12.2 Persistence and Degradability

There is no data available.

## 12.3 Bioaccumulative Potential

There is no data available.

### 12.4 Mobility in Soil

SOIL/WATER PARTITION COEFFICIENT (Koc):

Not available.

## OTHER ADVERSE EFFECTS:

No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

### 13.1 Disposal Methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

	DOT CLASSIFICATION	IMDG	IATA
UN NUMBER	Not regulated.	Not Regulated.	Not Regulated.
UN PROPER SHIPPING NAME	-	-	-
TRANSPORT HAZARD CLASS(ES)	-	-	-
PACKING GROUP	-	-	-
ENVIRONMENTAL HAZARDS	No.	No.	No.
ADDITIONAL INFORMATION	-	-	-

## SPECIAL PRECAUTIONS FOR USER:

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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## SECTION 15: Regulatory information

## 15.1 U.S. Federal Regulations

UNITED STATES INVENTORY (TSCA 8b): All components are listed or exempted.

CLEAN WATER ACT (CWA) 311: Sulfuric acid; Sodium hydroxide; Pentasodium triphosphate

### 15.2 Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)

Not listed

### 15.3 Clean Air Act Section 602 Class I Substances

Not listed

### 15.4 Clean Air Act Section 602 Class II Substances

Not listed

## 15.5 DEA List I Chemicals (Precursor Chemicals)

Not listed

### 15.6 DEA List II Chemicals (Essential Chemicals)

Not listed

### 15.7 SARA 302/304

COMPOSITION/INFORMATION ON INGREDIENTS

NAME	EHS	SARA 302 TPQ		SARA :	304 RQ
		(lbs)	(gallons)	(lbs)	(gallons)
Sulfuric Acid	Yes	1000	66.3	1000	66.3

SARA 304 RQ: 714285.7 lbs / 324285.7 kg [83987.5 gal / 317927.2 L]

### 15.8 SARA 311/312

Classification: Not applicable

## COMPOSITION/INFORMATION ON INGREDIENTS

NAME	FIRE HAZARD	SUDDEN RELEASE OF PRESSURE	REACTIVE	IMMEDIATE (ACUTE) HEALTH HAZARD	DELAYED (CHRONIC) HEALTH HAZARD
Benzenesulfonic acid, C10-16-alkyl derivs.	No.	No.	No.	Yes.	No.
Alcohols, C 10-16, ethoxylated, sulfates, sodium salts	No.	No.	No.	Yes.	No.

### 15.9 SARA 313

There is no data available.

## 15.10 State Regulations

MASSACHUSETTS: None of the components are listed.

NEW YORK: The following components are listed: Sulfuric acid NEW JERSEY: The following components are listed: Sulfuric acid PENNSLYVANIA: The following components are listed: Sulfuric acid

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## 15.11 California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

INGREDIENT NAME	CANCER	REPRODUCTIVE	NO SIGNIFICANT RISK LEVEL	MAXIMUM ACCEPTABLE DOSAGE LEVEL
Sulfuric acid	Yes.	No.	-	-

## SECTION 16: Other information

## 16.1 Procedure Used to Derive the Classification

Classification	Justification
AQUATIC HAZARD (ACUTE) - Category 3	Calculation method

#### 16.2 History

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### 16.3 Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named suppler, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.