

**Product name: JACAAB-WITCOLATE WAQE**

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## **1. PRODUCT AND COMPANY IDENTIFICATION**

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**Product name:** JACAAB-WITCOLATE™ WAQE

**Chemical name:** Sodium alkyl sulfate

**Supplier:** JACAAB LLC  
4155 Manchester Avenue  
St. Louis, MO 63110

**Emergency telephone number:**  
CHEMTREC (24 hours) 800-424-9300

**For MSDS, Product Safety, or regulatory inquiries, call:** Customer Service: 314-652-5400

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## **2. COMPOSITION / INFORMATION ON INGREDIENTS**

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<b>COMPONENT</b>	<b>CAS#</b>	<b>CONCENTRATION</b>
Alcohols, C12-16, sulfate, sodium salt	73296-89-6	20.0 %
Water	7732-18-5	78.0 %
Sodium sulfate	7757-82-6	1.0 %
Alcohols, C12-16	68855-56-1	1.0 %

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## **3. HAZARDS IDENTIFICATION**

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### **APPEARANCE**

**Physical state** Liquid  
**Color** Light yellow  
**Odor** Mild

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## **EMERGENCY OVERVIEW**

### **WARNING!**

CAUSES EYE AND SKIN IRRITATION.

MAY BE HARMFUL IF SWALLOWED.

## **POTENTIAL HEALTH EFFECTS**

### **Swallowing**

#### **Acute effects**

The acute oral toxicity to rats of 100 % alkyl sulfates ranges from 1000 to 4000 mg/kg. Commercially available aqueous solutions of alkyl sulfates LD50 values range from 5000 to 15000 mg/kg.

### **Skin absorption**

#### **Acute effects**

Low acute toxicity.

### **Inhalation**

#### **Acute effects**

Short-term harmful health effects are not expected from vapor generated at ambient temperature.

### **Skin contact**

#### **Acute effects**

Causes moderate to severe irritation.

### **Eye contact**

#### **Acute effects**

Causes moderate to severe irritation.

## **POTENTIAL ENVIRONMENTAL EFFECTS**

LC50 values in fish for alkyl sulfates range from 5 to 20 mg/L.

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## **4. FIRST AID MEASURES**

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### **Swallowing**

Obtain medical attention immediately.

### **Skin**

Immediately flush skin thoroughly with water for at least 15 minutes while removing contaminated clothing and shoes. Obtain medical attention if irritation persists.

### **Inhalation**

Remove to fresh air. Obtain medical attention if symptoms persist.

### **Eye contact**

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Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.

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## **5. FIRE-FIGHTING MEASURES**

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**Flash point:** > 94 °C (> 200 °F)

**Special protective equipment for firefighters**

Use self-contained breathing apparatus when fighting fires in enclosed areas.

**Extinguishing media**

Suitable: Extinguish with:

- water fog
- dry chemical
- CO<sub>2</sub>
- alcohol resistant foam
- water spray

Unsuitable: None.

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## **6. ACCIDENTAL RELEASE MEASURES**

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**Personal precautions**

Wear suitable protective equipment.

**Environmental precautions**

Avoid runoff to sewers or waterways. Product is dispersible in water. May be harmful to aquatic life.

**Methods for cleaning up**

Absorb on inert material such as sand, earth, vermiculite.

Product is soluble in water.

Contain or minimize dispersion and collect if possible.

If not possible disperse residue to reduce aquatic harm.

Report per regulatory requirements.

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## **7. HANDLING AND STORAGE**

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### **HANDLING**

**Handling precautions**

Do not get in eyes, on skin, on clothing. Keep drums tightly closed to prevent contamination. Wear recommended personal protection equipment. Never use pressure to empty drums.

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## **STORAGE**

### **Storage requirements**

Causes eye irritation. Store at ambient temperature.

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## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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### **PERSONAL PROTECTION**

#### **Respiratory protection**

None expected to be needed. A respirator approved for dust/fume or mist protection is recommended for mists, sprays or aerosols.

#### **Hand protection / protective gloves**

Neoprene

#### **Eye protection**

Splash-proof goggles

#### **Skin protection**

Rubber or plastic apron

#### **Industrial hygiene measures**

Remove contaminated clothing and clean it.

### **ENGINEERING CONTROLS**

#### **Ventilation**

General (mechanical) room ventilation is expected to be satisfactory for normal handling.

### **EXPOSURE LIMITS**

No exposure limits have been established

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

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### **APPEARANCE**

<b>Physical state</b>	Liquid
<b>Color</b>	Light yellow
<b>Odor</b>	Mild

### **OTHER PROPERTIES**

<b>Boiling point</b>	100 °C (212 °F) at STP unless specified below.
<b>Melting point</b>	Not determined

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<b>pH</b>	7.5 - 8.5 Concentration: 100 g/l
<b>Density</b>	1.03 g/cm <sup>3</sup> at 25 °C
<b>Vapor pressure</b>	Not determined
<b>Vapor density (air=1)</b>	Not determined
<b>Solubility in water</b>	Soluble
<b>Flash point</b>	> 94 °C (> 200 °F) Method: Pensky-Martens closed cup ASTM D 93
<b>Percent volatiles</b>	78 %(m)

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## **10. STABILITY AND REACTIVITY**

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**Stability:** Stable.

**Stability - Conditions to avoid**

Stable under normal conditions.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous combustion products**

Carbon monoxide.

Carbon dioxide.

Oxides of sulfur.

**Hazardous polymerization:** Will not occur.

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## **11. TOXICOLOGICAL INFORMATION**

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### **SENSITIZATION**

Test results:

Remark: This material did not produce sensitization in guinea pigs.

### **MUTAGENICITY**

Assessment

This material was not mutagenic in an Ames bacterial assay.

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## 12. ECOLOGICAL INFORMATION

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LC50 values in fish for alkyl sulfates range from 5 to 20 mg/L.

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## 13. DISPOSAL CONSIDERATIONS

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**General:** It is our opinion this product is not a RCRA hazardous waste. It is the generator's responsibility to make their own determination as to the RCRA status of waste they generate. We have not performed a Toxicity Characteristic Leachate Procedure (TCLP) on this product. Incinerate in a furnace where permitted under appropriate Federal, State, and local regulations.

### Non-cleaned packages

Dispose of washing solution in the same way as product.

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## 14. TRANSPORT INFORMATION

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### DOT Classification

This product is not regulated by DOT.

**Freight description road:** CLEANING, SCOURING & WASHING COMPOUND, LIQUID OR POWDER

### IMDG Classification

This product is not regulated by IMDG.

### ICAO Classification

This product is not regulated by ICAO.

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## 15. REGULATORY INFORMATION

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**Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40CFR302.4.**

Components present in this product at a level which could require reporting under the statute are:

\*\*\*\* NONE \*\*\*\*

**Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on Reportable Quantities (RQ's) in 40CFR355 (used for SARA 302 and 304).**



# MATERIAL SAFETY DATA SHEET

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Components present in this product at a level which could require reporting under the statute are:  
None.

**Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40CFR372 (for SARA 313). This information must be included in MSDS's that are copied and distributed for this material.**

Components present in this product at a level which could require reporting under the statute are:  
None.

**Pennsylvania Right-To-Know Hazardous Substance List--Hazardous Substances and Special Hazardous Substances on the list must be identified when present in products.**

Components present in this product at a level which could require reporting under the statute are:  
None.

**New Jersey Worker and Community Right-To-Know Act (Labeling Requirements)**

Chemical name	CAS#	New Jersey TS Number
Water	7732-18-5	
Alcohols, C12-16, sulfate, sodium salt	73296-89-6	

**EPA Hazard Categories (SARA 311, 312):** Immediate Health Hazard

## CHEMICAL INVENTORY

United States: The ingredients of this product are on the TSCA inventory.

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## 16. OTHER INFORMATION

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### RECOMMENDED USES AND RESTRICTIONS

Please consult the product and/or application information bulletins for this product.

### HMIS RATING

Health: 2	Flammability: 1	Reactivity: 0	PPI: -
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### LEGEND

STP	Standard temperature and pressure
W/W	Weight/Weight
0 (HMIS)	Minimal hazard
1 (HMIS)	Slight hazard
2 (HMIS)	Moderate hazard
3 (HMIS)	Serious hazard
4 (HMIS)	Severe hazard
X (HMIS)	Personal protection rating to be supplied by user depending on use conditions

