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## 1. PRODUCT AND COMPANY IDENTIFICATION

### 1.1. Product Identifiers

|              |                     |
|--------------|---------------------|
| Product code | 0013                |
| Product name | 0.05 N SLS Solution |

1.2. Alternate product names                      None

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

|                 |                              |
|-----------------|------------------------------|
| Identified Uses | Anionic Surfactant/Detergent |
|-----------------|------------------------------|

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

|              |                                                                                        |
|--------------|----------------------------------------------------------------------------------------|
| Manufacturer | WET International<br>316 Roma Jean Parkway, Streamwood, IL USA 60107<br>(630) 540-2113 |
|--------------|----------------------------------------------------------------------------------------|

### 1.5. Emergency telephone number

|                  |                          |
|------------------|--------------------------|
| Emergency phone# | Infotrac: (800) 535-5053 |
|------------------|--------------------------|

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## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)  
Skin irritation (Category 2), H315

### 2.2. GHS Label elements, including precautionary statements



Pictogram:

Signal Word: Warning

Hazard Statement(s)

H315 Causes skin irritation.

Precautionary Statement(s)

P264 Wash skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/ eye protection/ face protection.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

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.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P362 Take off contaminated clothing and wash before reuse.  
P501 Dispose of contents/ container to an approved waste disposal plant.

**2.3. Hazards not otherwise classified (HNOC) or not covered by GHS****3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substance/Mixture**

| Chemical              | CAS No.  | Percentage | Classification                                                                                                                                                       | Other Limits |
|-----------------------|----------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Sodium Lauryl Sulfate | 151-21-3 | 1.45       | Flam. Sol. 2; Acute Tox. 4;<br>Skin Irrit. 2; Eye Dam. 1;<br>STOT SE 3; Aquatic Acute 2;<br>Aquatic Chronic 3; H228,<br>H302 + H332, H315, H318,<br>H335, H401, H412 |              |
|                       |          |            |                                                                                                                                                                      |              |
|                       |          |            |                                                                                                                                                                      |              |
|                       |          |            |                                                                                                                                                                      |              |

**4. FIRST AID MEASURES****4.1. Description of first aid measures****Inhalation**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician

**Ingestion**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Skin Contact**

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician

**Eye Contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

**4.2. Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**4.3. Indication of any immediate medical attention and special treatment needed**

No data available



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## **5. FIREFIGHTING MEASURES**

### **5.1. Extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### **5.2. Special hazards arising from the substance or mixture**

Carbon oxides, Sulphur oxides, Sodium oxides

### **5.3. Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

### **5.4. Further information**

No data available

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## **6. ACCIDENTAL RELEASE MEASURES**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

For personal protection see section 8.

### **6.2. Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### **6.3. Methods and materials for containment and cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

### **6.4. Reference to other sections**

See section 8 and 13 for further information

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## **7. HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Normal measures for preventive fire protection.

For precautions see section 2.2.

### **7.2. Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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

### **8.1. Control parameters**

See section 3.



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**8.2. Exposure controls****Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Personal protective equipment****Eye/face protection**

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body protection**

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

|                                              |                     |
|----------------------------------------------|---------------------|
| Appearance                                   | Form: clear, liquid |
| Colour: colourless                           |                     |
| Odor                                         | No data available   |
| Odor threshold                               | No data available   |
| pH                                           | No data available   |
| Melting point/freezing point                 | No data available   |
| Initial boiling point and boiling range      | No data available   |
| Flash point                                  | No data available   |
| Evaporation rate                             | No data available   |
| Flammability (solid, gas)                    | No data available   |
| Upper/lower flammability or explosive limits | No data available   |
| Vapor pressure                               | No data available   |
| Vapor density                                | No data available   |
| Relative density                             | No data available   |
| Water solubility                             | No data available   |



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|                                        |                   |
|----------------------------------------|-------------------|
| Partition coefficient: n-octanol/water | No data available |
| Auto-ignition temperature              | No data available |
| Decomposition temperature              | No data available |

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**10. STABILITY AND REACTIVITY****10.1. Reactivity**

No data available

**10.2. Chemical stability**

Chemically Stable

**10.3. Possibility of hazardous reactions**

No data available

**10.4. Conditions to avoid**

No data available

**10.5. Incompatible materials**

Oxidizing agents

**10.6. Hazardous decomposition products**

Other decomposition products - No data available

In the event of fire: see section 5

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**11. TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects****Acute toxicity**

No data available

Inhalation: No data available

Dermal: No data available

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**



IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity**

No data available.

**Specific target organ toxicity – single exposure**

No data available.

**Specific target organ toxicity – repeated exposure**

No data available.

**Aspiration hazard**

No data available.

**Additional information**

RTECS: Not available

The sodium salt of dodecyl sulfate has been reported to cause pulmonary sensitization resulting in hyperactive airway dysfunction and pulmonary allergy accompanied by fatigue, malaise, and aching. Significant symptoms of exposure can

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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**12. ECOLOGICAL INFORMATION****12.1. Ecotoxicity (Aquatic and Terrestrial)**

No data available.

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Other adverse effects**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life.



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**13. DISPOSAL CONSIDERATIONS****13.1. Disposal methods**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

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**14. TRANSPORT INFORMATION****14.1. DOT (U.S. Department of Transportation)**

|                            |               |
|----------------------------|---------------|
| UN number                  | Not Regulated |
| UN proper shipping name    | N/A           |
| Transport hazard class(es) | N/A           |
| Packing group              | N/A           |
| Reportable Quantity (RQ)   | N/A           |
| Marine Pollutant           | No            |
| Poison Inhalation Hazard   | No            |

**14.2. IMDG (International Maritime Dangerous Goods)**

|                            |               |
|----------------------------|---------------|
| UN number                  | Not Regulated |
| UN proper shipping name    | N/A           |
| Transport hazard class(es) | N/A           |
| Packing group              | N/A           |
| Marine Pollutant           | No            |

**14.3. IATA (International Air Transport Association)**

|                            |               |
|----------------------------|---------------|
| UN number                  | Not Regulated |
| UN proper shipping name    | N/A           |
| Transport hazard class(es) | N/A           |
| Packing group              | N/A           |

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**15. REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/substance specific legislation**

|                      |                                                   |
|----------------------|---------------------------------------------------|
| CERCLA RQ:           | No                                                |
| TSCA:                | All ingredients are listed on the TSCA inventory. |
| Prop 65:             | No                                                |
| SARA 311/312:        | No SARA Hazards                                   |
| SARA 313 Chemicals:  | No                                                |
| State Right to Know: | Sodium Lauryl Sulfate/151-21-3, /, /              |

Please consult relevant federal and local regulations for additional details.



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**16. OTHER INFORMATION****HMIS Rating**

|                     |   |
|---------------------|---|
| Health hazard       | 2 |
| Flammability        | 0 |
| Physical hazard     | 0 |
| Personal protection |   |

**NFPA Rating**

|                   |   |
|-------------------|---|
| Health hazard     | 2 |
| Fire hazard       | 0 |
| Reactivity hazard | 0 |
| Specific hazard   |   |

Acute Tox. Acute toxicity

Aquatic Acute Acute aquatic toxicity

Aquatic Chronic Chronic aquatic toxicity

Eye Dam. Serious eye damage

Flam. Sol. Flammable solids

H228 Flammable solid.

H302 + H332 Harmful if swallowed or if inhaled

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H401 Toxic to aquatic life.

H402 Harmful to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

Skin Irrit. Skin irritation

STOT SE Specific target organ toxicity - single exposure

**Preparation Information**

WET International

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