



# Scrubbie (AFCO 5249)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Revision Date: 04/06/2023

Version: 1.2

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Mixture

**Product Name:** Scrubbie

**Product Code:** AFCO 5249

#### Intended Use of the Product

**Use of the Substance/Mixture:** Alkaline degreaser for removal of fat, grease, and oily soils from food processing equipment. For professional use only.

**Product Dilution information:** 1-4 oz/gallon.

#### Name, Address, and Telephone of the Responsible Party

##### Company

AFCO  
800 Development Avenue  
Chambersburg, PA 17201  
T: 800-345-1329

[www.afcocare.com](http://www.afcocare.com)

##### Emergency Telephone Number

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

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

**Classification (GHS-US)**

##### Product as SOLD

Met. Corr. 1 H290

Skin Corr. 1C H314

Eye Dam. 1 H318

##### PRODUCT at USE DILUTION

Skin Corr. 1C H314

Eye Dam. 1 H318

##### Label Elements

**GHS-US Labeling**

##### PRODUCT as SOLD

**Hazard Pictograms (GHS-US)**

:



GHS05

**Signal Word (GHS-US)**

: Danger

**Hazard Statements (GHS-US)**

: H290 - May be corrosive to metals  
H314 - Causes severe skin burns and eye damage  
H318 - Causes serious eye damage

**Precautionary Statements (GHS-US)**

: P234 - Keep only in original container.  
P260 - Do not breathe vapors, mist, spray.  
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection.  
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove

# Scrubbie (AFCO 5249)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor/physician.

P321 - Specific treatment (see section 4).

P363 - Wash contaminated clothing before reuse.

P390 - Absorb spillage to prevent material damage.

P405 - Store locked up.

P406 - Store in corrosive resistant container with a resistant inner liner.

P501 - Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulations.

### PRODUCT at USE DILUTION

#### Hazard Pictograms (GHS-US)

:



#### Signal Word (GHS-US)

: Danger

#### Hazard Statements (GHS-US)

: H314 - Causes severe skin burns and eye damage

H318 - Causes serious eye damage

#### Precautionary Statements (GHS-US)

: P260 - Do not breathe vapors, mist, spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P280 - Wear protective gloves, protective clothing, eye protection, face protection.

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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 section 4).

P363 - Wash contaminated clothing before reuse.

P390 - Absorb spillage to prevent material damage.

P405 - Store locked up.

P501 - Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulations.

### Other Hazards

**Other Hazards Not Contributing to the Classification:** Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. When heated to decomposition, emits toxic fumes. Corrosive vapors.

**Unknown Acute Toxicity (GHS-US)** Not available.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Substances

### Mixture

### PRODUCT as SOLD

| Name             | Product identifier | % (w/w) | Classification (GHS-US)                                                                                                                                                 |
|------------------|--------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Water            | (CAS No) 7732-18-5 | 70 - 90 | Not classified                                                                                                                                                          |
| 2-Butoxyethanol  | (CAS No) 111-76-2  | 1-5     | Flam. Liq. 4, H227<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation: vapour), H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319 |
| Sodium hydroxide | (CAS No) 1310-73-2 | 1 – 5   | Met. Corr. 1, H290                                                                                                                                                      |

# Scrubbie (AFCO 5249)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

|                                                                                               |                     |       |                                                                                         |
|-----------------------------------------------------------------------------------------------|---------------------|-------|-----------------------------------------------------------------------------------------|
|                                                                                               |                     |       | Skin Corr. 1A, H314<br>Eye Dam. 1, H318<br>Aquatic Acute 3, H402                        |
| Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, mono-C8-10-alkyl ethers, phosphates | (CAS No) 68130-47-2 | 1 – 5 | Skin Corr. 1C, H314<br>Eye Dam. 1, H318                                                 |
| Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts                                  | (CAS No) 68081-81-2 | 1-5   | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>STOT SE 3, H335 |

### PRODUCT at USE DILUTION

| Name             | Product identifier | % (w/w) |  |
|------------------|--------------------|---------|--|
| Sodium hydroxide | (CAS No) 1310-73-2 | 0.1-1.0 |  |

The exact percentage of composition are withheld as a trade secret [29 CFR § [1910.1200 App E](#)].

Full text of H-phrases: see section 16.

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

#### PRODUCT as SOLD

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Immediately call a POISON CENTER or doctor/physician.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

#### PRODUCT at USE DILUTION

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Immediately call a POISON CENTER or doctor/physician.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

#### Most Important Symptoms and Effects Both Acute and Delayed

**General:** Corrosive. Causes burns. Causes serious eye damage.

**Inhalation:** May cause slight irritation to respiratory tract.

**Skin Contact:** Contact may cause immediate severe irritation progressing quickly to chemical burns.

**Eye Contact:** Causes serious eye damage.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** Not available.

#### Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide, foam, dry chemical.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

# Scrubbie (AFCO 5249)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not flammable.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** When heated to decomposition, emits toxic fumes. In contact with soft metals, emits flammable/explosive gas.

### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>), sodium oxides, sulfur oxides. Corrosive vapors.

**Other information:** Do not allow run-off from fire fighting to enter drains or water courses.

### Reference to Other Sections

Refer to section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapor, spray or mist.

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

### Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Absorb and/or contain spill with inert material, then place in suitable container. Cautiously neutralize spilled liquid.

**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely. Contact competent authorities after a spill. Cautiously neutralize spilled liquid.

### Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**Additional Hazards When Processed:** When heated to decomposition, emits toxic fumes. Corrosive vapors are released. Contact with soft metals may evolve flammable hydrogen gas.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling. Always wash your hands immediately after handling this product, and once again before leaving the workplace.

### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Store in a well-ventilated place. Keep container tightly closed. Keep/Store away from heat, extremely high or low temperatures, incompatible materials.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers, and soft metals.

### Specific End Use(s)

Alkaline degreaser for removal of fat, grease, and oily soils from food processing. For professional use only.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

| 2-Butoxyethanol (111-76-2) |                               |                       |
|----------------------------|-------------------------------|-----------------------|
| Mexico                     | OEL TWA (mg/m <sup>3</sup> )  | 120 mg/m <sup>3</sup> |
| Mexico                     | OEL TWA (ppm)                 | 26 ppm                |
| Mexico                     | OEL STEL (mg/m <sup>3</sup> ) | 360 mg/m <sup>3</sup> |

# Scrubbie (AFCO 5249)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

|           |                                      |                       |
|-----------|--------------------------------------|-----------------------|
| Mexico    | OEL STEL (ppm)                       | 75 ppm                |
| USA ACGIH | ACGIH TWA (ppm)                      | 20 ppm                |
| USA OSHA  | OSHA PEL (TWA) (mg/m <sup>3</sup> )  | 240 mg/m <sup>3</sup> |
| USA OSHA  | OSHA PEL (TWA) (ppm)                 | 50 ppm                |
| USA NIOSH | NIOSH REL (TWA) (mg/m <sup>3</sup> ) | 24 mg/m <sup>3</sup>  |
| USA NIOSH | NIOSH REL (TWA) (ppm)                | 5 ppm                 |
| USA IDLH  | US IDLH (ppm)                        | 700 ppm               |
| Ontario   | OEL TWA (ppm)                        | 20 ppm                |
| Québec    | VEMP (mg/m <sup>3</sup> )            | 97 mg/m <sup>3</sup>  |
| Québec    | VEMP (ppm)                           | 20 ppm                |

### Sodium hydroxide (1310-73-2)

|           |                                          |                      |
|-----------|------------------------------------------|----------------------|
| Mexico    | OEL Ceiling (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup>  |
| USA ACGIH | ACGIH Ceiling (mg/m <sup>3</sup> )       | 2 mg/m <sup>3</sup>  |
| USA OSHA  | OSHA PEL (TWA) (mg/m <sup>3</sup> )      | 2 mg/m <sup>3</sup>  |
| USA NIOSH | NIOSH REL (ceiling) (mg/m <sup>3</sup> ) | 2 mg/m <sup>3</sup>  |
| USA IDLH  | US IDLH (mg/m <sup>3</sup> )             | 10 mg/m <sup>3</sup> |
| Ontario   | OEL Ceiling (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup>  |
| Québec    | PLAFOND (mg/m <sup>3</sup> )             | 2 mg/m <sup>3</sup>  |

### Exposure Controls

#### PRODUCT as SOLD

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined area. If user operations generate fumes, vapors, gas, or spray use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or regulatory limits.

**Personal Protective Equipment:** Protective clothing. Protective goggles. Gloves. Face shield.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics. Corrosion-proof clothing.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or face shield.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** A respirator is not needed under normal and intended conditions of product use. Whenever worker exposure may exceed established regulatory exposure limits, use a NIOSH-approved respirator.

**Thermal Hazard Protection:** Wear suitable protective clothing.

**Other Information:** When using, do not eat, drink or smoke.

# Scrubbie (AFCO 5249)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### PRODUCT at USE DILUTION

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined area. If user operations generate fumes, vapors, gas, or spray use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or regulatory limits.

**Personal Protective Equipment:** Protective clothing. Protective goggles. Gloves. Face shield.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics. Corrosionproof clothing.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or face shield.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** A respirator is not needed under normal and intended conditions of product use. Whenever worker exposure may exceed established regulatory exposure limits, use a NIOSH-approved respirator.

**Thermal Hazard Protection:** Wear suitable protective clothing.

**Other Information:** When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

|                                                   |                                                                        |
|---------------------------------------------------|------------------------------------------------------------------------|
| Physical State                                    | : Liquid                                                               |
| Appearance                                        | : Clear, dark blue                                                     |
| Odor                                              | : Slight                                                               |
| Odor Threshold                                    | : Not available                                                        |
| pH                                                | : >13                                                                  |
| Relative Evaporation Rate (butylacetate=1)        | : Not available                                                        |
| Melting Point                                     | : Not available                                                        |
| Freezing Point                                    | : Not available                                                        |
| Boiling Point                                     | : 104.4°C (219.92°F)                                                   |
| Flash Point                                       | : None                                                                 |
| Auto-ignition Temperature                         | : None                                                                 |
| Decomposition Temperature                         | : Not available                                                        |
| Flammability (solid, gas)                         | : Not available                                                        |
| Lower Flammable Limit                             | : Not available                                                        |
| Upper Flammable Limit                             | : Not available                                                        |
| Vapor Pressure                                    | : Not available                                                        |
| Relative Vapor Density at 20°C                    | : Not available                                                        |
| Specific Gravity                                  | : 1.05                                                                 |
| Solubility                                        | : Complete                                                             |
| Partition coefficient: n-octanol/water            | : Not available                                                        |
| Viscosity                                         | : Not available                                                        |
| Explosion Data – Sensitivity to Mechanical Impact | : Not expected to present an explosion hazard due to mechanical impact |
| Explosion Data – Sensitivity to Static Discharge  | : Not expected to present an explosion hazard due to static discharge  |

# Scrubbie (AFCO 5249)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** When heated to decomposition, emits toxic fumes. In contact with soft metals, emits flammable/explosive gas.

**Chemical Stability:** Stable at standard temperature and pressure.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Incompatible materials.

**Incompatible Materials:** Strong acids. Strong oxidizers.

**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>), sodium oxides, sulfur oxides. Corrosive vapors.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects – Product as Sold

**Acute Toxicity:** Not classified.

**LD50 and LC50 Data:** Not available.

**Skin Corrosion/Irritation:** Causes severe skin burns. (pH: >13)

**Serious Eye Damage/Irritation:** Causes serious eye damage. (pH: >13)

**Respiratory or Skin Sensitization:** Not classified.

**Germ Cell Mutagenicity:** Not classified.

**Teratogenicity:** Not available.

**Carcinogenicity:** Not classified.

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified.

**Reproductive Toxicity:** Not classified.

**Specific Target Organ Toxicity (Single Exposure):** Not classified.

**Aspiration Hazard:** Not classified.

**Symptoms/Injuries After Inhalation:** May cause slight irritation to respiratory tract.

**Symptoms/Injuries After Skin Contact:** Contact may cause immediate severe irritation progressing quickly to chemical burns.

**Symptoms/Injuries After Eye Contact:** Causes serious eye damage.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.

#### Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:**

| Water (7732-18-5)                      |                              |
|----------------------------------------|------------------------------|
| LD50 Oral Rat                          | >90000 mg/kg                 |
| 2-Butoxyethanol (111-76-2)             |                              |
| LD50 Oral Rat                          | 470 mg/kg                    |
| LD50 Dermal Rat                        | 1680 mg/kg                   |
| LC50 Inhalation Rat (ppm)              | 450 ppm/4h                   |
| ATE (dermal)                           | 0.680 mg/kg body weight      |
| ATE (gases)                            | 450.000 ppmV/4h              |
| ATE (vapors)                           | 11.000 mg/l/4h               |
| IARC Group                             | 3                            |
| National Toxicity Program (NTP) Status | Evidence of Carcinogenicity. |

### SECTION 12: ECOLOGICAL INFORMATION

#### PRODUCT as SOLD

**Toxicity** – Not classified.

| 2-Butoxyethanol (111-76-2)   |                                                                         |
|------------------------------|-------------------------------------------------------------------------|
| LC50 Fish 1                  | 1490 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| EC50 Daphnia 1               | 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)                |
| LC50 Fish 2                  | 2950 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)          |
| Sodium hydroxide (1310-73-2) |                                                                         |
| LC50 Fish 1                  | 40 mg/l                                                                 |

**Persistence and Degradability:** Not available.

# Scrubbie (AFCO 5249)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Bioaccumulative Potential

|                                   |                  |
|-----------------------------------|------------------|
| <b>Scrubbie (AFCO 5249)</b>       |                  |
| Bioaccumulative Potential         | Not established. |
| <b>2-Butoxyethanol (111-76-2)</b> |                  |
| Log Pow                           | 0.81 (at 25°C)   |

**Mobility in Soil** Not available.

### Other Adverse Effects

**Other Information:** Not established.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 In Accordance with DOT

**Proper Shipping Name** : CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide)  
**Hazard Class** : 8  
**Identification Number** : UN3266  
**Label Codes** : 8  
**Packing Group** : III  
**ERG Number** : 154



### 14.2 In Accordance with IMDG

**Proper Shipping Name** : CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide)  
**Hazard Class** : 8  
**Identification Number** : UN3266  
**Packing Group** : III  
**Label Codes** : 8  
**EmS-No. (Fire)** : F-A  
**EmS-No. (Spillage)** : S-B



### 14.3 In Accordance with IATA

**Proper Shipping Name** : CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide)  
**Packing Group** : III  
**Identification Number** : UN3266  
**Hazard Class** : 8  
**Label Codes** : 8  
**ERG Code (IATA)** : 8L



### 14.4 In Accordance with TDG

**Proper Shipping Name** : CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide)  
**Packing Group** : III  
**Hazard Class** : 8  
**Identification Number** : UN3266  
**Label Codes** : 8



## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

|                                                                            |                                  |
|----------------------------------------------------------------------------|----------------------------------|
| <b>Scrubbie (AFCO 5249)</b>                                                |                                  |
| SARA Section 311/312 Hazard Classes                                        | Immediate (acute) health hazard. |
| <b>Water (7732-18-5)</b>                                                   |                                  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory. |                                  |
| <b>2-Butoxyethanol (111-76-2)</b>                                          |                                  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory. |                                  |



# Scrubbie (AFCO 5249)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

|                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------|
| <b>Sodium hydroxide (1310-73-2)</b>                                                                               |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory.                                        |
| <b>Poly(oxy-1,2-ethanediyl), .alpha.-hydro.-omega.-hydroxy-, mono-C8-10-alkyl ethers, phosphates (68130-47-2)</b> |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory.                                        |
| <b>Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts (68081-81-2)</b>                                  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory.                                        |

### US State Regulations

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2-Butoxyethanol (111-76-2)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Acute<br>U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728)<br>U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - New Jersey - Special Health Hazards Substances List<br>U.S. - New York - Occupational Exposure Limits - Skin Designations<br>U.S. - New York - Occupational Exposure Limits - TWAs<br>U.S. - Pennsylvania - RTK (Right to Know) List<br>U.S. - Texas - Effects Screening Levels - Long Term<br>U.S. - Texas - Effects Screening Levels - Short Term                                                                                                                                                                  |
| <b>Sodium hydroxide (1310-73-2)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Acute<br>U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728)<br>U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances<br>U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - New Jersey - Special Health Hazards Substances List<br>U.S. - New York - Occupational Exposure Limits - TWAs<br>U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances<br>U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List<br>U.S. - Pennsylvania - RTK (Right to Know) List<br>U.S. - Texas - Effects Screening Levels - Long Term<br>U.S. - Texas - Effects Screening Levels - Short Term |
| <b>Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts (68081-81-2)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| U.S. - Texas - Effects Screening Levels - Long Term<br>U.S. - Texas - Effects Screening Levels - Short Term                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

### Canadian Regulations

|                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------|
| <b>Water (7732-18-5)</b>                                                                                          |
| Listed on the Canadian DSL (Domestic Substances List) inventory.                                                  |
| <b>2-Butoxyethanol (111-76-2)</b>                                                                                 |
| Listed on the Canadian DSL (Domestic Substances List) inventory.                                                  |
| <b>Sodium hydroxide (1310-73-2)</b>                                                                               |
| Listed on the Canadian DSL (Domestic Substances List) inventory.                                                  |
| <b>Poly(oxy-1,2-ethanediyl), .alpha.-hydro.-omega.-hydroxy-, mono-C8-10-alkyl ethers, phosphates (68130-47-2)</b> |
| Listed on the Canadian DSL (Domestic Substances List) inventory.                                                  |
| <b>Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts (68081-81-2)</b>                                  |
| Listed on the Canadian DSL (Domestic Substances List) inventory.                                                  |

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

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

|                          |                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Revision date</b>     | : 04/06/2023                                                                                                                          |
| <b>Other Information</b> | : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. |

# Scrubbie (AFCO 5249)

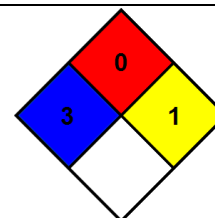
## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### GHS Full Text Phrases:

|                                   |                                                                |
|-----------------------------------|----------------------------------------------------------------|
| Acute Tox. 4 (Dermal)             | Acute toxicity (dermal) Category 4                             |
| Acute Tox. 4 (Inhalation: vapour) | Acute toxicity (inhalation: vapour) Category 4                 |
| Acute Tox. 4 (Oral)               | Acute toxicity (oral) Category 4                               |
| Aquatic Acute 3                   | Hazardous to the aquatic environment - Acute Hazard Category 3 |
| Aquatic Chronic 2                 | Hazardous to the aquatic environment-Chronic Hazard Category 2 |
| Eye Dam. 1                        | Serious eye damage/eye irritation Category 1                   |
| Eye Irrit. 2A                     | Serious eye damage/eye irritation Category 2A                  |
| Flam. Liq. 4                      | Flammable liquids Category 4                                   |
| Met. Corr. 1                      | Corrosive to metals Category 1                                 |
| Skin Corr. 1A                     | Skin corrosion/irritation Category 1A                          |
| Skin Corr. 1C                     | Skin corrosion/irritation Category 1C                          |
| Skin Irrit. 2                     | Skin corrosion/irritation Category 2                           |
| H227                              | Combustible liquid                                             |
| H290                              | May be corrosive to metals                                     |
| H302                              | Harmful if swallowed                                           |
| H312                              | Harmful in contact with skin                                   |
| H314                              | Causes severe skin burns and eye damage                        |
| H315                              | Causes skin irritation                                         |
| H318                              | Causes serious eye damage                                      |
| H319                              | Causes serious eye irritation                                  |
| H332                              | Harmful if inhaled                                             |
| H335                              | Specific target organ toxicity (single exposure) Category 3    |
| H402                              | Harmful to aquatic life                                        |

- NFPA Health Hazard** : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.
- NFPA Fire Hazard** : 0 - Materials that will not burn.
- NFPA Reactivity** : 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.



### HMIS III Rating

- Health** : 3 Serious Hazard - Major injury likely unless prompt action is taken, and medical treatment is given.
- Flammability** : 0 - Minimal Hazard.
- Physical** : 1 - Slight Hazard.

### Party Responsible for the Preparation of This Document

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

North America GHS SDS 2015 (U.S., Can., Mex.)