



# CO-JET (AFCO 5252)

Safety Data Sheet

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

Revision Date: 03/18/2014

Version: 1.0

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Mixture

**Product Name:** CO-JET (AFCO 5252)

**Product Code:** AFCO 5252

### 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.

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

#### **Company**

Alex C. Fergusson, LLC.  
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)**

Met. Corr. 1 H290

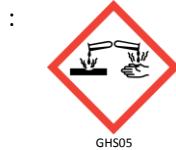
Skin Corr. 1C H314

Eye Dam. 1 H318

#### **Label Elements**

##### **GHS-US Labeling**

##### **Hazard Pictograms (GHS-US)**



##### **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, respiratory 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.

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

P501 - Dispose of contents/container 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

Name	Product identifier	% (w/w)	Classification (GHS-US)
Water	(CAS No) 7732-18-5	70 - 90	Not classified
Sodium hydroxide	(CAS No) 1310-73-2	1 - 5	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318 Aquatic Acute 3, H402
Sodium xylene sulfonate	(CAS No) 1300-72-7	1 - 5	Eye Irrit. 2A, H319
Tetrasodium EDTA	(CAS No) 64-02-8	1 - 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318 Aquatic Acute 2, H401
Potassium hydroxide	(CAS No) 1310-58-3	1 - 5	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 Eye Dam. 1, H318
Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts	(CAS No) 68081-81-2	1 - 5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
2-Butoxyethanol	(CAS No) 111-76-2	0.1 - 1.0	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Poly(oxy-1,2-ethanediy), .alpha.-hydro-.omega.-hydroxy-, mono-C8-10-alkyl ethers, phosphates	(CAS No) 68130-47-2	0.1 - 1.0	Skin Corr. 1C, H314 Eye Dam. 1, H318
Tetrapotassium Pyrophosphate	(CAS No) 7320-34-5	0.1 - 1.0	Eye Irrit. 2A, H319

Full text of H-phrases: see section 16

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

**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.

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

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

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

**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.

### **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 hydrogen 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>). Corrosive vapors. Sodium oxides, potassium oxides, Silicate oxides.

**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 vapour 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 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.

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### 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 oxidizers, and (some) metals.

### Specific End Use(s)

Alkaline degreaser for removal of fat, grease, and oily soils from food processing.

## 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>
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>

Potassium hydroxide (1310-58-3)		
USA ACGIH	ACGIH Ceiling (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>
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>

Tetrapotassium Pyrophosphate (7320-34-5)		
USA ACGIH	ACGIH TLV (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>

### Exposure Controls

**Appropriate Engineering Controls:** Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**Personal Protective Equipment:** Protective clothing. Protective goggles. Gloves. Insufficient ventilation: wear respiratory protection. Face shield.



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

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

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

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

**Respiratory Protection:** Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.

**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, Pale yellow
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	: 1.07
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.

## SECTION 10: STABILITY AND REACTIVITY

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

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

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

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

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

**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>). Corrosive vapors. Sodium oxides, potassium oxides, Silicate oxides.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity:** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Causes severe skin burns and eye damage. **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

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

**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:

<b>Water (7732-18-5)</b>	
LD50 Oral Rat	> 90000 mg/kg

<b>Potassium hydroxide (1310-58-3)</b>	
LD50 Oral Rat	214 mg/kg
ATE (oral)	333.000 mg/kg body weight

<b>Tetrapotassium Pyrophosphate (7320-34-5)</b>	
LC50 Inhalation Rat	>1.1 mg/L
LD50 Dermal Rabbit	>2000 mg/kg body weight
LD50 Ingestion	>2000 mg/kg body weight

<b>Tetrasodium EDTA (64-02-8)</b>	
LD50 Oral Rat	1780 mg/kg

<b>Sodium xylene sulfonate (1300-72-7)</b>	
LD50 Oral Rat	1000 mg/kg

<b>2-Butoxyethanol (111-76-2)</b>	
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

<b>2-Butoxyethanol (111-76-2)</b>	
IARC Group	3
National Toxicity Program (NTP) Status	Evidence of Carcinogenicity.

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity** Not classified

<b>2-Butoxyethanol (111-76-2)</b>	
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)
LC 50 Fish 2	2950 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

<b>Sodium hydroxide (1310-73-2)</b>	
LC50 Fish 1	40 mg/l

<b>Tetrasodium EDTA (64-02-8)</b>	
LC50 Fish 1	41 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Other Aquatic Organisms 1	1.01 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
LC 50 Fish 2	59.8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

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<b>Tetrapotassium pyrophosphate (7320-34-5)</b>	
LC50 Fish 1	>100 mg/l (Exposure time: 96 h - Species: Rainbow Trout)
EC50 Daphnia 1	>100 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50	>100mg/L (Exposure time: 72 h – Species: Aquatic Plants)
NOEC	>100mg/L (Exposure time: 72h – Species: Aquatic plants)

**Persistence and Degradability** Not available

### **Bioaccumulative Potential**

<b>CO-JET(AFCO 5252)</b>	
Bioaccumulative Potential	Not established.

<b>Potassium hydroxide (1310-58-3)</b>	
Log Pow	0.65

<b>2-Butoxyethanol (111-76-2)</b>	
Log Pow	0.81 (at 25 °C)

**Mobility in Soil** Not available

### **Other Adverse Effects**

**Other Information:** Avoid release to the environment.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

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

**Ecology – Waste Materials:** This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

## **SECTION 14: TRANSPORT INFORMATION**

### **14.1 In Accordance with DOT**

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



### **14.2 In Accordance with IMDG**

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



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Label Codes : 8

### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

<b>CO-JET (AFCO 5252)</b>	
<b>SARA Section 311/312 Hazard Classes</b>	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	
<b>Sodium hydroxide (1310-73-2)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Potassium hydroxide (1310-58-3)</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	
<b>Sodium xylene sulfonate (1300-72-7)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Tetrasodium EDTA (64-02-8)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Tetrapotassium pyrophosphates (7320-34-5)</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 U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728) U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - New Jersey - Special Health Hazards Substances List U.S. - New York - Occupational Exposure Limits - Skin Designations U.S. - New York - Occupational Exposure Limits - TWAs U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Texas - Effects Screening Levels - Long Term U.S. - Texas - Effects Screening Levels - Short Term
<b>Potassium hydroxide (1310-58-3)</b> U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - New Jersey - Special Health Hazards Substances List U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Texas - Effects Screening Levels - Long Term 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 U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728) U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances



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U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New Jersey - Special Health Hazards Substances List  
U.S. - New York - Occupational Exposure Limits - TWAs  
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances  
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List  
U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term

### **Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts (68081-81-2)**

U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term

### **Tetrasodium EDTA (64-02-8)**

U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term

### **Sodium xylene sulfonate (1300-72-7)**

U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term

## Canadian Regulations

### **CO-JET (AFCO 5252)**

WHMIS Classification      Class E - Corrosive Material



### **Water (7732-18-5)**

Listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Classification      Uncontrolled product according to WHMIS classification criteria

### **2-Butoxyethanol (111-76-2)**

Listed on the Canadian DSL (Domestic Substances List) inventory.

Listed on the Canadian Ingredient Disclosure List

WHMIS Classification      Class B Division 3 - Combustible Liquid  
Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic effects  
Class D Division 2 Subdivision B - Toxic material causing other toxic effects

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

Listed on the Canadian DSL (Domestic Substances List) inventory.

Listed on the Canadian Ingredient Disclosure List

WHMIS Classification      Class E - Corrosive Material

### **Potassium hydroxide (1310-58-3)**

Listed on the Canadian DSL (Domestic Substances List) inventory.

Listed on the Canadian Ingredient Disclosure List

WHMIS Classification      Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects  
Class E - Corrosive Material

### **Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, mono-C8-10-alkyl ethers, phosphates (68130-47-2)**

Listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Classification      Class E - Corrosive Material

### **Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts (68081-81-2)**

Listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Classification      Class D Division 2 Subdivision B - Toxic material causing other toxic effects

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<b>Tetrapotassium pyrophosphate (7320-34-5)</b>	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects
<b>Sodium xylene sulfonate (1300-72-7)</b>	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects
<b>Tetrasodium EDTA (64-02-8)</b>	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects

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

**Revision date** : 03/18/2014  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

#### 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 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
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
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
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
H401	Toxic to aquatic life
H402	Harmful to aquatic life

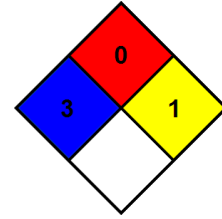
# CO-JET (AFCO 5252)

## Safety Data Sheet

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

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- 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 US 2012 & WHMIS 2