



# Fluid, Fyrite, CO<sub>2</sub>, 20% and 60%; Fluid Fyrite, CO<sub>2</sub>, 7%

This document replaces SDS 0099-0006 and 0099-0007 for Mexico  
Safety Data Sheet

According to Mexico NOM-018-STPS-2015, Harmonized System for the Identification and Communication of Hazards and Risks from Hazardous Chemical Substances in the Workplace.

Date of Issue: 11/12/2020

Version: 1.0

## SECTION 1: IDENTIFICATION

### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** Fluid, Fyrite, CO<sub>2</sub>, 20% and 60%; Fluid Fyrite, CO<sub>2</sub>, 7%

### 1.2. Intended Use of the Product

**Use of the Substance/Mixture:** Industrial. For professional use only.

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

#### Company

Bacharach, Inc.  
621 Hunt Valley Circle  
New Kensington, PA 15068  
724-334-5760

<http://www.mybacharach.com>

[msdsr@mybacharach.com](mailto:msdsr@mybacharach.com)

#### Canada:

Bacharach of Canada Inc.  
10 West Pearce Street, Unit 4  
Richmond Hill, Ontario LB4 1B6  
(800)- 328-5217

### 1.4. Emergency Telephone Number

**Emergency Number** : 800-424-9300 (CHEMTREC)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

#### GHS-MX Classification

Met. Corr. 1 H290

Acute Tox. 4 (Oral) H302

Skin Corr. 1 H314

Eye Dam. 1 H318

Full text of hazard classes and H-statements : see section 16

### 2.2. Label Elements

#### GHS-MX Labeling

##### Hazard Pictograms (GHS-MX)



##### Hazardous Ingredients (GHS-MX)

: Potassium hydroxide

##### Signal Word (GHS-MX)

: Danger

##### Hazard Statements (GHS-MX)

: H290 - May be corrosive to metals.

H302 - Harmful if swallowed.

H314 - Causes severe skin burns and eye damage.

##### Precautionary Statements (GHS-MX)

: P234 - Keep only in original container.

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

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

P270 - Do not eat, drink or smoke when using this product.

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

P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

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

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

P304+P340 - IF INHALED: Remove person to fresh air and keep 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.

P321 - Specific treatment (see section 4 on this SDS).

P330 - Rinse mouth.

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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 in accordance with local, regional, national, and international regulations.

### 2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions. May be corrosive to respiratory tract.

### 2.4. Unknown Acute Toxicity (GHS-MX)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Synonyms	Product Identifier	%*	GHS-MX classification
Water	AQUA / water	(CAS-No.) 7732-18-5	77.37 – 91.41	Not classified
Potassium hydroxide	Caustic potash / Potassium hydroxide (K(OH)) / POTASSIUM HYDROXIDE	(CAS-No.) 1310-58-3	7.98 – 21.81	Met. Corr. 1, H290 Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 Eye Dam. 1, H318
Alcohols, C7-9-iso-, C8-rich	Alcohols, C7-9-iso-, C8 rich / Exxal 8	(CAS-No.) 68526-83-0	0.51 – 0.6	Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Aquatic Acute 3, H402

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C.I. Acid Red 14	Acetacid Red B / Acid Chrome Blue 2R / Acid Fast Red FB / Acid Red 14 / Acid Red 2C / Amacid Chrome Blue R / Atul Acid Crystal Red / Brilliant Crimson Red / C.I. 14720 / C.I. Acid Red 14, disodium salt / C.I. Food Red 3 / Carmoisine / Chrome Fast Blue 2R / Diadem Chrome Blue G / Disodium 4-hydroxy-3-[(4-sulphonatonaphthyl)azo]naphthalenesulphonate / Disodium salt of 2-(4-sulpho-1-naphthylazo)-1-naphthol-4-sulphonic acid / Extract D and C Red No. 10 / Fenazo Red C / Food Red 5 / 4-Hydroxy-3,4'-azodi-1-naphthalenesulfonic acid, disodium salt / 4-Hydroxy-3,4'-azodi-1-naphthalenesulphonic acid, disodium salt / 4-Hydroxy-3-((4-sulfo-1-naphthalenyl)azo)-1-naphthalenesulfonic acid, disodium salt / Nylomine Acid Red P4B / Kenachrome Blue 2R / 1-Naphthalenesulfonic acid, 4-hydroxy-3,4'-azodi-, disodium salt / 1-Naphthalenesulfonic acid, 4-hydroxy-3-[(4-sulfo-1-naphthalenyl)azo]-, disodium salt / Omega Chrome Blue FB / Poloxal Red 2B / Solochrome Blue FB / 2-(4-Sulfo-1-naphthylazo)-1-naphthol-4-sulfonic acid, disodium salt / 2-(4-Sulpho-1-naphthylazo)-1-naphthol-4-sulphonic acid, disodium salt / Tertrochrome Blue FB / 4-Hydroxy-3-((4-sulpho-1-naphthalenyl)azo)-1-naphthalenesulphonic acid, disodium salt / 1-Naphthalenesulfonic acid, 4-hydroxy-3-[2-(4-sulfo-1-naphthalenyl)diazenyl]-, sodium salt (1:2) / Azorubine / ACID RED 14 / Food Red 3 / Acid Red B / Organic dye Acid Red 2C / Organic dye Acid Red 2S / Disodium 4-hydroxy-3-[(4-sulfonato-1-naphthyl)diazenyl]naphthalene-1-sulfonate / Carmosine / 4-Hydroxy-3-[(4-sulfo-1-naphthalenyl)azo]-1-naphthalenesulfonic acid disodium salt / CI 14720 / carmoisine	(CAS-No.) 3567-69-9	0.0077 – 0.0091	Not classified
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According to Mexico NOM-018-STPS-2015, Harmonized System for the Identification and Communication of Hazards and Risks from Hazardous Chemical Substances in the Workplace.

2-Naphthalenol, 1-[[4- [[dimethylphenyl]azo]dimeth ylphenyl]azo]-	1-[[4- [[Dimethylphenyl]azo]dimet hylphenyl]azo]-2-naphthol / C.I. Solvent Red 27 / 2- Naphthalenol, 1-[2-[4-[2- (dimethylphenyl)diazenyl]di methylphenyl]diazenyl]- / Solvent red 27	(CAS-No.) 1320-06-5	0.0001 – 0.00012	Not classified
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Full text of H-phrases: see section 16

\*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First-aid Measures

**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).

**First-aid Measures After Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**First-aid Measures After Skin Contact:** Remove contaminated clothing. Immediately flush skin with plenty of water for at least 60 minutes. Wash contaminated clothing before reuse. Get immediate medical advice/attention.

**First-aid Measures After Eye Contact:** Rinse cautiously with water for at least 60 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

**First-aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

**Personal Protection in First Aid:** Use appropriate personal protective equipment (PPE).

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

**Symptoms/Injuries:** Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage.

**Symptoms/Injuries After Inhalation:** May be corrosive to the respiratory tract.

**Symptoms/Injuries After Skin Contact:** Causes severe irritation which will progress to chemical burns.

**Symptoms/Injuries After Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Symptoms/Injuries After Ingestion:** This material is harmful orally and can cause adverse health effects or death in significant amounts. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

**Chronic Symptoms:** None expected under normal conditions of use.

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

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

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

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

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Contact with metallic substances may release flammable hydrogen gas.

**Reactivity:** May be corrosive to metals. Contact with metals may evolve flammable hydrogen gas. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

### 5.3. 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:** Potassium oxides. Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Sodium oxides. Sulfur oxides. Corrosive vapors. Toxic fumes may be released.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

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

#### 6.1.1. For Non-Emergency Personnel

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

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Personnel

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

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**Emergency Procedures:** Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Cautiously neutralize spilled liquid. Absorb spillage to prevent material damage. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### 6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** May be corrosive to metals. May release corrosive vapors.

**Precautions for Safe Handling:** Do not breathe vapors, mist, spray. Do not get in eyes, on skin, or on clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle empty containers with care because they may still present a hazard.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

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

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in original container or corrosive resistant and/or lined container. Storage areas should be periodically checked for corrosion and integrity.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Metals.

**Packaging materials:** Store in corrosive resistant container with a resistant inner liner.

### 7.3. Specific End Use(s)

Industrial. For professional use only.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including ACGIH (TLVs), AIHA (WEELs) and Mexico: OEL TWAs (LMPE-PPTs), STELs (LMPE-CTs), Ceilings (LMPE-Pico), and BEIs (IBE).

Potassium hydroxide (1310-58-3)		
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>

### 8.2. Exposure Controls

#### Appropriate Engineering Controls

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

#### Personal Protective Equipment

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



#### Materials for Protective Clothing

: Chemically resistant materials and fabrics. Corrosion-proof clothing.

#### Hand Protection

: Wear protective gloves.

#### Eye and Face Protection

: Chemical safety goggles and face shield.

#### Skin and Body Protection

: Wear suitable protective clothing.

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**Respiratory Protection** : If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

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

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Red
Molecular Weight	: No data available
Odor	: No data available
Odor Threshold	: No data available
pH	: 13 – 14
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: No data available
Solubility	: No data available
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

**9.2. Other Information** No additional information available

## SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** May be corrosive to metals. Contact with metals may evolve flammable hydrogen gas. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.
- 10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Metals.
- 10.6. Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects

**Acute Toxicity (Oral):** Harmful if swallowed.

**Acute Toxicity (Dermal):** Not classified

**Acute Toxicity (Inhalation):** Not classified

Fluid, Fyrite, CO2, 20% and 60%; Fluid Fyrite, CO2, 7%	
ATE (Oral)	1,302.15 mg/kg body weight
C.I. Acid Red 14 (3567-69-9)	
LD50 Oral Rat	> 10 g/kg
Alcohols, C7-9-iso-, C8-rich (68526-83-0)	
LD50 Oral Rat	> 2000 mg/kg
LD50 Dermal Rabbit	> 2623 mg/kg
ATE (Oral)	2,500.00 mg/kg body weight
ATE (Dermal)	2,500.00 mg/kg body weight
Potassium hydroxide (1310-58-3)	

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LD50 Oral Rat	284 mg/kg
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**Skin Corrosion/Irritation:** Causes severe skin burns.

**pH:** 13 – 14

**Serious Eye Damage/Irritation:** Causes serious eye damage.

**pH:** 13 – 14

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

<b>C.I. Acid Red 14 (3567-69-9)</b>	
IARC group	3

**Reproductive Toxicity:** Not classified

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

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

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** May be corrosive to the respiratory tract.

**Symptoms/Injuries After Skin Contact:** Causes severe irritation which will progress to chemical burns.

**Symptoms/Injuries After Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Symptoms/Injuries After Ingestion:** This material is harmful orally and can cause adverse health effects or death in significant amounts. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

**Chronic Symptoms:** None expected under normal conditions of use.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecology - General** : Not classified.

<b>Alcohols, C7-9-iso-, C8-rich (68526-83-0)</b>	
LC50 Fish 1	14 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

### 12.2. Persistence and Degradability

<b>Fluid, Fyrite, CO2, 20% and 60%; Fluid Fyrite, CO2, 7%</b>	
Persistence and Degradability	Not established.

### 12.3. Bioaccumulative Potential

<b>Fluid, Fyrite, CO2, 20% and 60%; Fluid Fyrite, CO2, 7%</b>	
Bioaccumulative Potential	Not established.

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

**12.4. Mobility in Soil** No additional information available

### 12.5. Other Adverse Effects

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

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste Treatment Methods

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions.

**Ecology - Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

### 14.1. In accordance with NOM/SCT

**Proper Shipping Name** : HIDROXIDO DE POTASICO EN SOLUCION  
**Hazard Class** : 8  
**Identification Number** : 1814  
**Label Codes** : 8  
**Packing Group** : II



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## 14.2. In Accordance with IMDG

**Proper Shipping Name** : POTASSIUM HYDROXIDE SOLUTION  
**Hazard Class** : 8  
**Identification Number** : UN1814  
**Label Codes** : 8  
**Packing Group** : II  
**EmS-No. (Fire)** : F-A  
**EmS-No. (Spillage)** : S-B



## 14.3. In Accordance with IATA

**Proper Shipping Name** : POTASSIUM HYDROXIDE SOLUTION  
**Hazard Class** : 8  
**Identification Number** : UN1814  
**Label Codes** : 8  
**Packing Group** : II  
**ERG Code (IATA)** : 8L



**14.4 Transport in Bulk According to Annex II of MARPOL and The IBC Code** Not determined

## SECTION 15: REGULATORY INFORMATION

### 15.1. International Regulatory Lists

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

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

#### C.I. Acid Red 14 (3567-69-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

#### 2-Naphthalenol, 1-[[4-[(dimethylphenyl)azo]dimethylphenyl]azo]- (1320-06-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)



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### Alcohols, C7-9-iso-, C8-rich (68526-83-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

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

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the Canadian IDL (Ingredient Disclosure List)  
Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Japanese Poisonous and Deleterious Substances Control Law  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

**15.2. International Agreements** No additional information available

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

**Date of Preparation or Latest Revision** : 11/12/2020

**Data Sources** : Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.

**Other Information** : This document has been prepared in accordance with the SDS requirements of Mexico NOM-018-STPS-2015, Harmonized System for the Identification and Communication of Hazards and Risks from Hazardous Chemical Substances in the Workplace. The information is considered correct but is not exhaustive and will be used only as a guide, which is based on current knowledge of the chemical substance or mixture and is applicable to the appropriate safety precautions for the product.

### GHS Full Text Phrases:

Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Acute Tox. 5 (Dermal)	Acute toxicity (dermal) Category 5
Acute Tox. 5 (Oral)	Acute toxicity (oral) Category 5
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Met. Corr. 1	Corrosive to metals Category 1
Skin Corr. 1	Skin corrosion/irritation Category 1
Skin Corr. 1A	Skin corrosion/irritation Category 1A

# Fluid, Fyrite, CO2, 20% and 60%; Fluid Fyrite, CO2, 7%

This document replaces Bacharach MSDS reference 0099-0006 and 0099-0007

## Safety Data Sheet

According to Mexico NOM-018-STPS-2015, Harmonized System for the Identification and Communication of Hazards and Risks from Hazardous Chemical Substances in the Workplace.

H290	May be corrosive to metals
H301	Toxic if swallowed
H302	Harmful if swallowed
H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H402	Harmful to aquatic life

**Indication of Changes:** No additional information available

### Abbreviations and Acronyms:

ACGIH – American Conference of Governmental Industrial Hygienists	Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in a two-phase system consisting of two largely immiscible solvents, in this case octanol and water
AIHA – American Industrial Hygiene Association	MARPOL – International Convention for the Prevention of Pollution from Ships
ATE - Acute Toxicity Estimate	MFAG-No - Medical First Aid Guide for Use in Accidents Involving Dangerous Goods
BCF - Bioconcentration Factor	MX - Mexico
BEI - Biological Exposure Indices (BEI)	NOAEL - No-Observed Adverse Effect Level
BOD – Biochemical Oxygen Demand	NOEC - No-Observed Effect Concentration
CAS No. - Chemical Abstracts Service Number	NOM/SCT – Secretaria de Comunicaciones y Transportes
COD – Chemical Oxygen Demand	NTP – National Toxicology Program
EC50 - Median Effective Concentration	OEL - Occupational Exposure Limits
EmS-No. (Fire) - IMDG Emergency Schedule Fire	pH – Potential Hydrogen
EmS-No. (Spillage) - IMDG Emergency Schedule Spillage	SADT - Self Accelerating Decomposition Temperature
ErC50 - EC50 in Terms of Reduction Growth Rate	SARA - Superfund Amendments and Reauthorization Act
ERG code (IATA) - Emergency Response Drill Code as found in the International Civil Aviation Organization (ICAO)	SARA 302 - Section 302, 40 CFR Part 355
GHS – Globally Harmonized System of Classification and Labeling of Chemicals	SARA 313 - Section 313, 40 CFR Part 372
GWP – Global Warming Potential	SDS - Safety Data Sheet
IARC - International Agency for Research on Cancer	STEL - Short Term Exposure Limit
IATA - International Air Transport Association	ThOD – Theoretical Oxygen Demand
IBC – International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk	TLM - Median Tolerance Limit
IMDG - International Maritime Dangerous Goods	TLV - Threshold Limit Value
LC50 - Median Lethal Concentration	TPQ - Threshold Planning Quantity
LD50 - Median Lethal Dose	TWA - Time Weighted Average
LOAEL - Lowest Observed Adverse Effect Level	UN – United Nations
LOEC - Lowest-Observed-Effect Concentration	VOC – Volatile Organic Compounds
Log Koc - Soil Organic Carbon-water Partitioning Coefficient	WEEL - Workplace Environmental Exposure Levels
Log Kow - Octanol/water Partition Coefficient	

*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.*

MX GHS SDS 0099-1016 AND 0099-1017