

Safety Data Sheet

**Section 1: Identification of the Substance/Mixture and of the Company/Undertaking****1.1 Product identifier**

Product Name	• Potassium Hydroxide, Aqueous Solution, 6 Molar
Synonyms	• Caustic Potash, Aqueous Solution, 6 Molar
Product Code	• 70010

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s)	• Various
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1.3 Details of the supplier of the safety data sheet

Manufacturer	• Air Liquide 2700 Post Oak Blvd. Houston, TX 77056 United States www.us.airliquide.com sds@airliquide.com
Telephone (Technical)	• 713-896-2896
Telephone (Technical)	• 800-819-1704

1.4 Emergency telephone number

Manufacturer	• 800-424-9300 - CHEMTREC
Manufacturer	• +1 703-527-3887 - Outside United States

Section 2: Hazards Identification**EU/EEC**

According to Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP	• Acute Toxicity Oral 4 - H302 Skin Corrosion 1A - H314
DSD/DPD	• Corrosive (C) Harmful (Xn) R22, R35

2.2 Label Elements

CLP

DANGER

- Hazard statements** • H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage

Precautionary statements

- Prevention** • P260 - Do not breathe mist/vapours/spray.
P264 - Wash thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- Response** • P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363 - Wash contaminated clothing before reuse.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P310 - Immediately call a POISON CENTER or doctor/physician.
P321 - Specific treatment, see supplemental first aid information.
- Storage/Disposal** • P405 - Store locked up.
P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD



- Risk phrases** • R22 - Harmful if swallowed.
R35 - Causes severe burns.
- Safety phrases** • S36 - Wear suitable protective clothing.
S37 - Wear suitable gloves.
S39 - Wear eye/face protection.
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

2.3 Other Hazards

- CLP** • According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.
- DSD/DPD** • This product is considered dangerous according to the European Directive 67/548/EEC.

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

- OSHA HCS 2012** • Acute Toxicity Oral 4 - H302
Skin Corrosion 1B - H314
Serious Eye Damage 1 - H318

2.2 Label elements

OSHA HCS 2012

DANGER



- Hazard statements** • Harmful if swallowed - H302
Causes severe skin burns and eye damage - H314
Causes serious eye damage - H318

Precautionary statements

- Prevention**
- Do not breathe mist/vapours/spray. - P260
 - Wash thoroughly after handling. - P264
 - Do not eat, drink or smoke when using this product. - P270
 - Wear protective gloves/protective clothing/eye protection/face protection. - P280

- Response**
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. - P304+P340
 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. - P303+P361+P353
 - Wash contaminated clothing before reuse. - P363
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - P305+P351+P338
 - If eye irritation persists: Get medical advice/attention. - P337+P313
 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. - P301+P330+P331
 - Immediately call a POISON CENTER or doctor/physician. - P310
 - Specific treatment, see supplemental first aid information. - P321

- Storage/Disposal**
- Store locked up. - P405
 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

2.3 Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to WHMIS

2.1 Classification of the substance or mixture

WHMIS

- Toxic - D1B
- Corrosive - E

2.2 Label elements

WHMIS



- Toxic - D1B
- Corrosive - E

2.3 Other hazards

WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

2.4 Other information

NFPA



Section 3 - Composition/Information on Ingredients

3.1 Substances

Composition				
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive
Potassium hydroxide	CAS:1310-58-3 EC Number:215-181-3 EU Index:019-002-00-8	33.6%	Ingestion/Oral-Rat LD50 • 273 mg/kg	EU DSD/DPD: Annex I: Xn; R22 C; R35 EU CLP: Annex VI: Acute Tox. 3, H301; Skin Corr. 1A, H314 OSHA HCS 2012: Acute Tox. 3; Skin Corr. 1B; Eye Dam. 1

3.2 Mixtures

- Material does not meet the criteria of a mixture in accordance with Regulation (EC) No 1272/2008.

See Section 16 for full text of H-statements and R-phrases.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Do not use mouth-to-mouth method if victim inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention immediately.

Skin

- For minor skin contact, avoid spreading material on unaffected skin. In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing. Get medical attention immediately.

Eye

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Get medical attention immediately.

Ingestion

- If swallowed, rinse mouth with water (only if the person is conscious) Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Give plenty of water to drink. Do not use mouth-to-mouth method if victim ingested the substance. Obtain medical attention immediately if ingested.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media

- LARGE FIRES: Dry chemical, CO₂, alcohol-resistant foam or water spray.
SMALL FIRES: Dry chemical, CO₂ or water spray.

Unsuitable Extinguishing Media

- No data available

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards

- Containers may explode when heated.
Acid reacts with most metals to release hydrogen gas, which can form explosive mixtures with air.

Hazardous Combustion

- Non-combustible, substance itself does not burn but may decompose upon heating to

Products

produce corrosive fumes.

5.3 Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
Wear positive pressure self-contained breathing apparatus (SCBA).
SMALL FIRES: Move containers from fire area if you can do it without risk.
Runoff from fire control may cause pollution.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures**Personal Precautions**

- Ventilate enclosed areas. Do not walk through spilled material. Wear appropriate personal protective equipment, avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Do not get water inside container.

6.2 Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and material for containment and cleaning up**Containment/Clean-up Measures**

- Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
Dike to collect large liquid spills.
A vapor suppressing foam may be used to reduce vapors.
Use water spray to reduce vapors or divert vapor cloud drift.
Neutralize residue with neutralizing agent appropriate for bases. Test area with litmus paper to ensure neutralization is complete.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling**Handling**

- Handle and open container with care. Use only with adequate ventilation. Use caution when combining with water; DO NOT add water to corrosive liquid, ALWAYS add corrosive liquid to water while stirring to prevent release of heat, steam and fumes. Wear appropriate personal protective equipment, avoid direct contact. Do not breathe mist, vapours, spray. Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

7.2 Conditions for safe storage, including any incompatibilities**Storage**

- Keep container tightly closed. Store in a cool, dry, well-ventilated place. Keep away from incompatible materials. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Canada Ontario	Canada Quebec	China	France
Potassium hydroxide (1310-58-3)	Ceilings	2 mg/m3 Ceiling	2 mg/m3 Ceiling	2 mg/m3 Ceiling	2 mg/m3 Ceiling [MAC]	Not established
	STELs	Not established	Not established	Not established	Not established	2 mg/m3 STEL [VLCT]
Exposure Limits/Guidelines (Con't.)						
	Result	Ireland	Israel	NIOSH	OSHA Vacated	Portugal
Potassium hydroxide (1310-58-3)	Ceilings	Not established	2 mg/m3 Ceiling	2 mg/m3 Ceiling	2 mg/m3 Ceiling	2 mg/m3 Ceiling [VLE-CM]
	STELs	2 mg/m3 STEL	Not established	Not established	Not established	Not established
Exposure Limits/Guidelines (Con't.)						
	Result	Spain		Sweden		
Potassium hydroxide (1310-58-3)	STELs	2 mg/m3 STEL [VLA-EC]		Not established		
	Ceilings	Not established		2 mg/m3 CLV (inhalable dust)		
	TWAs	Not established		1 mg/m3 LLV (inhalable dust)		

8.2 Exposure controls

Engineering Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Respiratory

- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear chemical splash safety goggles.

Skin/Body

- Wear appropriate gloves.

Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

LLV = Limit Level Value is the exposure limit for 8-hour work day

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

STEL = Short Term Exposure Limits are based on 15-minute exposures

TWAEV = Time-Weighted Average Exposure Value

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Colorless solution which has a slightly musty odor or is odorless.

Color	Colorless	Odor	Slightly musty or odorless.
Odor Threshold	Data lacking		
General Properties			
Boiling Point	130 C(266 F)	Melting Point	-29 C(-20.2 F)
Decomposition Temperature	Data lacking	pH	14
Specific Gravity/Relative Density	1.34 Water=1	Water Solubility	Soluble
Viscosity	Data lacking	Explosive Properties	Not explosive.
Oxidizing Properties:	Not an oxidizer.		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
Flammability			
Flash Point	Data lacking	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Not flammable.		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Excess heat.

10.5 Incompatible materials

- Potassium Hydroxide reacts vigorously, violently or explosively with many organic and inorganic chemicals, such as strong acids, acid chlorides, acid anhydrides, nitroaromatic, nitroparaffin and organohalogen compounds and organic peroxides. Potassium Hydroxide violently polymerizes acetaldehyde, acrolein or acrylonitrile. Potassium Hydroxide produces flammable and explosive hydrogen gas if it reacts with sodium tetrahydroborate or metals, such as aluminum, tin, or zinc. Potassium Hydroxide produces spontaneously flammable phosphine gas if it reacts with phosphorus. Potassium Hydroxide can form spontaneously flammable chemicals upon contact with 1,2-dichloroethylene, trichloroethylene or tetrachloroethane. Potassium Hydroxide can react explosively with chlorine dioxide, maleic anhydride, nitrogen trichloride, n-nitrosomethylurea and tetrahydrofuran. Potassium Hydroxide can produce carbon monoxide upon contact with solutions of sugars, such as fructose, lactose and maltose. Potassium Hydroxide will attack wool and leather.

10.6 Hazardous decomposition products

- Products of thermal decomposition include oxides of carbon and potassium. Potassium Hydroxide rapidly absorbs carbon dioxide from the air, forming potassium carbonate.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Components		
Impurities, Stabilizers, etc...		
Potassium hydroxide (33.6%)	1310-58-3	Acute Toxicity: Ingestion/Oral-Rat LD50 • 273 mg/kg; Irritation: Eye-Rabbit • 1 mg 24 Hour(s)-Rinse • Moderate irritation; Skin-Rabbit • 50 mg 24 Hour(s) • Severe irritation

GHS Properties	Classification
Acute toxicity	EU/CLP • Acute Toxicity - Oral 4 OSHA HCS 2012 • Acute Toxicity - Oral 4
Aspiration Hazard	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	EU/CLP • Skin Corrosion 1A OSHA HCS 2012 • Skin Corrosion 1B
Skin sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
STOT-RE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
STOT-SE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Serious Eye Damage 1

Potential Health Effects

Inhalation

Acute (Immediate)

- May cause corrosive burns - irreversible damage.

Chronic (Delayed)

- Repeated or prolonged exposure to corrosive fumes may cause bronchial irritation with chronic cough.

Skin

Acute (Immediate)

- Causes severe skin burns and eye damage.

Chronic (Delayed)

- Repeated or prolonged exposure to corrosive materials will cause dermatitis.

Eye

Acute (Immediate)

- Causes serious eye damage.

Chronic (Delayed)

- Repeated or prolonged exposure to corrosive materials or fumes may cause conjunctivitis.

Ingestion

Acute (Immediate)**Chronic (Delayed)**

- Harmful if swallowed. May cause irreversible damage to mucous membranes.
- Repeated or prolonged exposure to corrosive materials or fumes may cause gastrointestinal disturbances.

Key to abbreviations

LD = Lethal Dose

Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	UN1814	Potassium hydroxide, solution	8	II	NDA
TDG	UN1814	POTASSIUM HYDROXIDE, SOLUTION	8	II	NDA
IMO/IMDG	UN1814	POTASSIUM HYDROXIDE SOLUTION	8	II	NDA
IATA/ICAO	UN1814	Potassium hydroxide solution	8	II	NDA

14.6 Special precautions for user

- None known.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC

- Not relevant.

Code**14.8 Other information**

- DOT** • Potassium hydroxide has a reportable quantity of 1000 lbs (454 kg) as listed in Appendix A to 49 CFR 172.101.

Section 15 - Regulatory Information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

SARA Hazard Classifications • Acute

State Right To Know				
Component	CAS	MA	NJ	PA
Potassium hydroxide	1310-58-3	Yes	Yes	Yes

Inventory						
Component	CAS	Canada DSL	Canada NDSL	China	EU EINECS	EU ELNICS
Potassium hydroxide	1310-58-3	Yes	No	Yes	Yes	No

Inventory (Con't.)		
Component	CAS	TSCA
Potassium hydroxide	1310-58-3	Yes

Canada**Labor****Canada - WHMIS - Classifications of Substances**

- Potassium hydroxide

1310-58-3

D1B, E; E (0.056% in aqueous solution, 0.11%, 0.56% in aqueous solution, 2.5%, 2.8%, 5.6% in aqueous solution, 25%, 28%, 33.3%, 40%, 50% in aqueous solution)

Canada - WHMIS - Ingredient Disclosure List

- Potassium hydroxide

1310-58-3

1 %

Environment**Canada - CEPA - Priority Substances List**

- Potassium hydroxide

1310-58-3

Not Listed

China**Environment****China - Ozone Depleting Substances - First Schedule**

- Potassium hydroxide

1310-58-3

Not Listed

China - Ozone Depleting Substances - Second Schedule

- Potassium hydroxide

1310-58-3

Not Listed

China - Ozone Depleting Substances - Third Schedule

- Potassium hydroxide

1310-58-3

Not Listed

Other**China - Annex I & II - Controlled Chemicals Lists**

• Potassium hydroxide	1310-58-3	Not Listed
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China - Dangerous Goods List

• Potassium hydroxide	1310-58-3	(solid or solution)
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China - Export Control List - Part I Chemicals

• Potassium hydroxide	1310-58-3	Not Listed
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Europe**Other****EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification**

• Potassium hydroxide	1310-58-3	Xn; R22 C; R35
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EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

• Potassium hydroxide	1310-58-3	5%≤C: C; R:35 2%≤C<5%: C; R:34 0.5%≤C<2%: Xi; R:36/38
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EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

• Potassium hydroxide	1310-58-3	C R:22-35 S:(1/2)-26-36/37/39-45
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EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

• Potassium hydroxide	1310-58-3	Not Listed
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EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

• Potassium hydroxide	1310-58-3	S:(1/2)-26-36/37/39-45
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Germany**Environment****Germany - TA Luft - Types and Classes**

• Potassium hydroxide	1310-58-3	Not Listed
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Germany - Water Classification (VwVwS) - Annex 1

• Potassium hydroxide	1310-58-3	Not Listed
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Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes

• Potassium hydroxide	1310-58-3	ID Number 345, hazard class 1 - low hazard to waters
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Germany - Water Classification (VwVwS) - Annex 3

• Potassium hydroxide	1310-58-3	Not Listed
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Other**Germany - Specifically Regulated Chemicals in TRGS**

• Potassium hydroxide	1310-58-3	Not Listed
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Portugal**Other****Portugal - Prohibited Substances**

• Potassium hydroxide	1310-58-3	Not Listed
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United Kingdom

Environment

United Kingdom - Pollution Inventory - Schedule 1 - Thresholds for Releases to Air

• Potassium hydroxide	1310-58-3	Not Listed
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Other

United Kingdom - Workplace Exposure Limits (WELs) - Substances in Review

• Potassium hydroxide	1310-58-3	Not Listed
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United Kingdom - List of Dangerous Substances in Water

• Potassium hydroxide	1310-58-3	Not Listed
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United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• Potassium hydroxide	1310-58-3	Not Listed
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U.S. - OSHA - Specifically Regulated Chemicals

• Potassium hydroxide	1310-58-3	Not Listed
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Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Potassium hydroxide	1310-58-3	Not Listed
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U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Potassium hydroxide	1310-58-3	1000 lb final RQ; 454 kg final RQ
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U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Potassium hydroxide	1310-58-3	Not Listed
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U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Potassium hydroxide	1310-58-3	Not Listed
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U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Potassium hydroxide	1310-58-3	Not Listed
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U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Potassium hydroxide	1310-58-3	Not Listed
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U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Potassium hydroxide	1310-58-3	Not Listed
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United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

• Potassium hydroxide	1310-58-3	Not Listed
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U.S. - California - Proposition 65 - Developmental Toxicity

• Potassium hydroxide	1310-58-3	Not Listed
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U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Potassium hydroxide	1310-58-3	Not Listed
U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)		
• Potassium hydroxide	1310-58-3	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Female		
• Potassium hydroxide	1310-58-3	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Male		
• Potassium hydroxide	1310-58-3	Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List		
• Potassium hydroxide	1310-58-3	
U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances		
• Potassium hydroxide	1310-58-3	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Relevant Phrases (code & full text)

- H301 - Toxic if swallowed

Last Revision Date

- 08/September/2014

Preparation Date

- 08/September/2014

Disclaimer/Statement of Liability

- To the best of Air Liquide's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either express or implied, are provided. The information contained herein relates only to this specific product. If this gas mixture is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.

Key to abbreviations

NDA = No data available