SDS

QuickCheck Marijuana DL Tube

Item # 10132

Safety Data Sheet

1. Identification

Product Name: Lynn Peavey SK Duquenois Reagent
MSDS Number: LP DR 15055a
Item number: See "Product Codes"
Product Codes: 15055
Product use: Compounding other products for in-house use.
Use not recommended: Any use in which product liquid touches the body or fumes are breathed in.
Chemical Family or Formula: Ethanol solution.

Supplier: Lynn Peavey Company
10749 W. 84th Terrace
Lenexa, KS 66214
Phone: 913-888-0600
Fax: 913-495-6757
Email: lpv@peaveycorp.com

Product Information: 913-888-0600
Transportation Emergency:: 800-424-9300 (U.S. and North America)
(703) 527-3887 (Outside U.S. collect calls accepted)

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

2. Hazard(s) identification

Emergency Overview
OSHA Hazards
Flammable liquid, Irritant
Other hazards which do not result in classification are: None.

GHS Classification
Flammable liquids (Cat. 2) H225 Highly flammable liquid and vapor
Carcinogenicity (Cat 2) H351 Suspected of causing cancer.
GHS Label elements, including precautionary statements
Pictogram:


Signal word: **Danger**

Hazard statements:
H225 Highly flammable liquid and vapor.
H316 Causes mild skin irritation.
H320 Causes eye irritation
H351 Suspected of causing cancer.

Precautionary statements:
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P260 Do not breathe fumes, vapors or spray.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. Composition / Information on ingredients

Chemical identity:	Ethanol		97%
Common name:	Ethyl alcohol		
Numbers of identity:	CAS 64-17-5	EC No. 200-578-6	
Chemical identity:	Acetaldehyde		1%
Common name:	Ethanal		
Numbers of identity:	CAS 75-07-0	EC No. 200-836-8	

Impurities: None of toxicological or classification significance.

4. First-aid measures

P304+313 +341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a physician.
P302+352 IF ON SKIN: Wash with soap and water.
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing.
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed: Severe eye irritation. Skin irritation.

5. Firefighting measures

Suitable extinguishing equipment:
Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Emergency procedures:
Eliminate ignition source. Evacuate unnecessary personnel. Call appropriate fire fighting crew.
Special protective equipment for firefighters
Wear self contained breathing apparatus for fire fighting if necessary.
Hazardous decomposition products formed under fire conditions. - Carbon oxides, product vapors
Use water spray to cool unopened containers.

6. Accidental release measures

Use personal protective equipment. Avoid breathing, mist or vapors. Ensure adequate ventilation.
Remove all sources of ignition. Evacuate personnel to safe areas. Be aware of possible accumulating vapors which could form explosive concentrations. Vapors can accumulate in low areas.
Environmental precautions:
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods and materials for containment and cleaning up
Contain spillage, and then absorb with industrial absorbent, or collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.
See also Sec. 13.

7. Handling and storage

Precautions for safe handling:
Avoid contact with skin and eyes. Avoid inhalation of vapors or mist.
Keep away from sources of ignition - No smoking.
Prevent the build up of electrostatic charge.
Conditions for safe storage:
Keep container tightly closed in a dry and well-ventilated place.
Containers which have been opened must be resealed and kept upright to prevent leakage.

8. Exposure controls / personal protection

Information on the system design:
Product is intended for external use only. Stay up wind, out of any spray developed.

Exposure Limits:		Reference 29CFR 1910.1000 Table Z-1	
Component Name, CAS#		OSHA TWA	ACGIH TLV
Ethanol	64-17-5	1,000 ppm 1,900 mg/m3	1,000 ppm
Acetaldehyde	75-07-0	200 ppm	25 ppm

Personal protective equipment
Respiratory protection: No requirement anticipated. Avoid breathing vapors.
Hand protection: Rubber gloves.
Eye protection: Safety glasses with side-shields.
Skin and body protection: Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely; flame retardant and antistatic properties are recommended.
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Wash hands and face before breaks and immediately after handling the product.

9. Physical and chemical properties

Appearance: Clear, colorless liquid
Odor: Alcoholic, acetaldehyde, vanilla
Odor threshold: no data available
pH-value: no data available
Melting/ freezing point: -114 °C (-173 °F) point (pure ethanol)
Initial boiling point: 78 °C (172 °F) (pure ethanol)
Flash point: 14.0 °C (57.2 °F) - closed cup
Evaporation rate: no data available
Flammability (solid, gas): Not applicable
Explosion limits: Lower: 3.3% Upper: 19 (Vol) Ethanol
Vapor pressure: (highest partial vapor pressure) at 25°C: 55 mmHg
Vapor density: >1
Relative density (water=1.00): 0.79 approx.
Solubility: Totally soluble in water at 20°C
Partition coefficient: Log Kow = Not applicable to mixture.
Auto-ignition temperature: Not available
Decomposition temperature: Not available
Viscosity: Like water

10. Stability and reactivity

Chemical stability: No decomposition, if used according to specifications.
Possibility of hazardous reactions: May form explosive mixture with air.
Conditions to avoid: Heat, flames and sparks. Extremes of temperature and direct sunlight.
Materials to avoid: Alkali metals, oxidizing agents, peroxides
Hazardous decomposition products: none anticipated

11. Toxicological information

There is no data available for the product.
Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

	Ethanol	Acetaldehyde
Oral Toxicity LD 50:	7,060 mg/kg (rat)	675 mg/kg (rat)
Dermal Toxicity LD 50:	no data available	3,540 mg/kg (rbt)
Inhalation Toxicity, Vapor, LC50	20000 ppm 10 hr, rat	13300 ppm 4h, rat
Eye Irritation (Rabbit)	Mild	No information
Dermal Irritation (Rabbit)	None	Mild irritation (rbt)
Chronic Effects on Humans:	no data available	Suspected carcinogen

This product is or contains a component that has been reported to be possibly carcinogenic based on IARC, ACGIH, NTP, or EPA classification.
California Prop. 65 chemicals: This product contains chemicals known to State of California to cause cancer, birth defects, or other reproductive harm: Acetaldehyde.
Signs and Symptoms of Exposure:
Central nervous system depression, prolonged or repeated exposure can cause nausea, dizziness, drowsiness, narcosis.

12. Ecological information

Ecotoxicity: Not available for the product. BOD and COD: Not available.
Products of Biodegradation:
Hazardous short term degradation products are not likely.
Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation: Not available.
PBT and vPvB assessment: No data available.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Other adverse effects: No data available.

13. Disposal considerations

Product as made has the characteristic of flammability and qualifies as "Unlisted Hazardous Waste D001" RQ 100#. Burn in a chemical incinerator equipped with an afterburner and scrubber.
Dispose in accordance with local, state and federal regulations.

14. Transport information

DOT (US)
Ethanol (solution) UN number: 1170 Class: 3 Packing group: II
Marine pollutant: No Poison Inhalation Hazard: No
The description shown may not apply to all shipping situations. Consult 49CFR, OSHA or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name, labeling) and mode-specific or quantity-specific shipping requirements,

15. Regulatory information

OSHA Hazards: Hazard Communication Standard (29 CFR 1910.1200).
Flammable liquid, Target Organ Effect, Irritant
SARA 302 Components: None
SARA 311/312 Hazards
Fire hazard, chronic health hazard
SARA 313 Components: Acetaldehyde
Inventory Status: All components are on TSCA, EINECS/ELINCS, AICS, and DSL.
Federal and State Regulations:
State Right to Know lists (RTK): Ethanol (CAS 64-17-5) MA, PA, NJ
Acetaldehyde (CAS 75-07-0) MA, PA, NJ
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).
Flammable liquid, Target Organ Effect, Irritant
This product is or contains a component that has been reported to be possibly carcinogenic based on IARC, ACGIH, NTP, or EPA classification. Limited evidence of carcinogenicity in animal studies
California Prop. 65 chemicals: This product contains chemicals known to State of California to cause cancer, birth defects, or other reproductive harm: Acetaldehyde.

16. Other information

SDS Preparation date: May 8,2015 Replacing SDS April 30, 2015 SDS Code: LP DR 15055a

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8,
Immediate	Yes	Yes	No	No	OSHA 29 CFR 1910.1200 and
Delayed	Yes	No	XXX	XXX	SARA 302/311/312/313.
HMIS Hazard ratings: Health 2 Fire 3 Instability 0 Other B (Goggles, gloves)					
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4					

HMIS® is a registered trade and service mark of the NPCA.
Note: The information in this SDS was obtained from current reputable and competent sources. However, the data is provided without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.
This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA).

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15065
15067

Fisher Scientific

Part of Thermo Fisher Scientific

SAFETY DATA SHEET

Creation Date 24-Aug-2009 **Revision Date** 28-Oct-2014 **Revision Number** 1

1. Identification

Product Name **Hydrochloric acid**

Cat No. : **A142-212; A142P-19; A142P-20**

Synonyms Muriatic acid

Recommended Use Laboratory chemicals.

Uses advised against No Information available

Details of the supplier of the safety data sheet

Company
Fisher Scientific
One Reagent Lane
Fair Lawn, NJ 07410
Tel: (201) 796-7100

Emergency Telephone Number
CHEMTREC®, Inside the USA: 800-424-9300
CHEMTREC®, Outside the USA: 001-703-527-3887

2. Hazard(s) identification

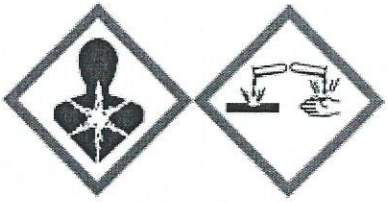
Classification
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Corrosive to metals	Category 1
Skin Corrosion/irritation	Category 1 B
Serious Eye Damage/Eye Irritation	Category 1
Specific target organ toxicity (single exposure)	Category 3
Target Organs - Respiratory system.	
Specific target organ toxicity - (repeated exposure)	Category 2
Target Organs - Kidney, Liver.	

Label Elements

Signal Word
Danger

Hazard Statements
May be corrosive to metals
Causes severe skin burns and eye damage
May cause respiratory irritation
May cause damage to organs through prolonged or repeated exposure



Precautionary Statements
Prevention
Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Use only outdoors or in a well-ventilated area
Keep only in original container
Response
Immediately call a POISON CENTER or doctor/physician
Inhalation
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Skin
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
Eyes
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Ingestion
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting
Spills
Absorb spillage to prevent material damage
Storage
Store locked up
Store in a well-ventilated place. Keep container tightly closed
Store in corrosive resistant polypropylene container with a resistant inliner
Store in a dry place
Disposal
Dispose of contents/container to an approved waste disposal plant
Hazards not otherwise classified (HNOC)
None identified

3. Composition / information on ingredients

Component	CAS-No	Weight %
Water	7732-18-5	62-65
Hydrochloric acid	7647-01-0	35-38

4. First-aid measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Immediate medical attention is required.

Inhalation Move to fresh air. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with a respiratory medical device. Immediate medical attention is required.

Ingestion Do not induce vomiting. Call a physician or Poison Control Center immediately.

Most important symptoms/effects Causes burns by all exposure routes. . Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation

Notes to Physician Treat symptomatically

5. Fire-fighting measures

Suitable Extinguishing Media Substance is nonflammable; use agent most appropriate to extinguish surrounding fire.

Unsuitable Extinguishing Media No information available

Flash Point No information available
Method - No information available

Autoignition Temperature No information available
Explosion Limits
Upper No data available
Lower No data available
Sensitivity to Mechanical Impact No information available
Sensitivity to Static Discharge No information available

Specific Hazards Arising from the Chemical
Corrosive Material. Causes burns by all exposure routes. Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous Combustion Products
Hydrogen chloride gas
Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA

Health	Flammability	Instability	Physical hazards
3	0	0	N/A

6. Accidental release measures

Personal Precautions Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Do not get in eyes, on skin, or on clothing.

Environmental Precautions Should not be released into the environment. See Section 12 for additional ecological information.

Methods for Containment and Clean Up Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

7. Handling and storage

Handling Wear personal protective equipment. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. Do not ingest.

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Corrosives area.

8. Exposure controls / personal protection

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrochloric acid	Ceiling: 2 ppm	Ceiling: 5 ppm Ceiling: 7 mg/m³ (Vacated) Ceiling: 5 ppm (Vacated) Ceiling: 7 mg/m³	IDLH: 50 ppm Ceiling: 5 ppm Ceiling: 7 mg/m³

Component	Quebec	Mexico OEL (TWA)	Ontario TWAEV
Hydrochloric acid	Ceiling: 5 ppm Ceiling: 7.5 mg/m³	Ceiling: 5 ppm Ceiling: 7 mg/m³	CEV: 2 ppm

Legend

ACGIH - American Conference of Governmental Industrial Hygienists
OSHA - Occupational Safety and Health Administration
NIOSH IDLH: The National Institute for Occupational Safety and Health Immediately Dangerous to Life or Health

Engineering Measures Ensure that eyewash stations and safety showers are close to the workstation location.

Personal Protective Equipment

Eye/face Protection Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin and body protection Wear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory Protection 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 if irritation or other symptoms are experienced.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Physical State	Liquid
Appearance	Colorless
Odor	pungent
Odor Threshold	No information available
pH	< 1
Melting Point/Range	-35 °C / -31 °F
Boiling Point/Range	57 °C / 135 °F @ 760 mmHg
Flash Point	No information available
Evaporation Rate	No information available
Flammability (solid,gas)	Not applicable
Flammability or explosive limits	
Upper	No data available
Lower	No data available
Vapor Pressure	125 mbar @ 20 °C
Vapor Density	1.27 (Air = 1.0)
Relative Density	1.18
Solubility	Soluble in water
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	1.8 mPa.s @ 15°C
Molecular Formula	HCl.H2O
Molecular Weight	36.46

10. Stability and reactivity

Reactive Hazard None known, based on information available

Stability Stable under normal conditions.

Conditions to Avoid Incompatible products. Excess heat.

Incompatible Materials Metals, Strong oxidizing agents, sodium hypochlorite, Amines, Bases, Fluorine, Cyanides, alkaline

Hazardous Decomposition Products Hydrogen chloride gas

Hazardous Polymerization Hazardous polymerization does not occur.

Hazardous Reactions Contact with metals may evolve flammable hydrogen gas.

11. Toxicological information

Acute Toxicity

Product Information

Oral LD50 Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.
Dermal LD50 Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.
Vapor LC50 Based on ATE data, the classification criteria are not met. ATE > 20 mg/l.

Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Hydrochloric acid	238 - 277 mg/kg (Rat)	5010 mg/kg (Rabbit)	1.68 mg/L (Rat) 1 h

Toxicologically Synergistic Products No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation Causes burns by all exposure routes

Sensitization No information available

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Water	7732-18-5	Not listed	Not listed	Not listed	Not listed	Not listed
Hydrochloric acid	7647-01-0	Group 3	Not listed	Not listed	Not listed	Not listed

IARC: (International Agency for Research on Cancer)

IARC: (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans
Group 2A - Probably Carcinogenic to Humans
Group 2B - Possibly Carcinogenic to Humans

Mutagenic Effects Mutagenic effects have occurred in experimental animals.

Reproductive Effects Experiments have shown reproductive toxicity effects on laboratory animals.

Developmental Effects Developmental effects have occurred in experimental animals.

Teratogenicity Teratogenic effects have occurred in experimental animals.

STOT - single exposure Respiratory system
STOT - repeated exposure Kidney Liver

Aspiration hazard No information available

Symptoms / effects,both acute and delayed Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation

Endocrine Disruptor Information No information available

Other Adverse Effects See actual entry in RTECS for complete information.

12. Ecological information

Ecotoxicity

Do not empty into drains.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Hydrochloric acid	-	282 mg/L LC50 96 h	-	-

Persistence and Degradability Persistence is unlikely based on information available.

Bioaccumulation/ Accumulation No information available.

Mobility Will likely be mobile in the environment due to its water solubility.

13. Disposal considerations

Waste Disposal Methods Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

14. Transport information

DOT

UN-No UN1789
Proper Shipping Name HYDROCHLORIC ACID
Hazard Class 8
Packing Group II

TDG

UN-No UN1789
Proper Shipping Name HYDROCHLORIC ACID
Hazard Class 8
Packing Group II

IATA

UN-No UN1789
Proper Shipping Name Hydrochloric acid
Hazard Class 8
Packing Group II

IMDG/IMO

UN-No UN1789
Proper Shipping Name Hydrochloric acid
Hazard Class 8
Packing Group II

15. Regulatory information

International Inventories

Component	TSCA	DSL	NDSL	EINECS	ELINCS	NLP	PICCS	ENCS	AICS	IECSC	KECL
Water	X	X	-	231-791-2	-		X	-	X	X	X
Hydrochloric acid	X	X	-	231-595-7	-		X	X	X	X	X

Legend:
X - Listed
E - Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA.
F - Indicates a substance that is the subject of a Section 5(f) Rule under TSCA.
N - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.
P - Indicates a commenced PMN substance
R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.
S - Indicates a substance that is identified in a proposed or final Significant New Use Rule
T - Indicates a substance that is the subject of a Section 4 test rule under TSCA.
XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B).
Y1 - Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater.
Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

U.S. Federal Regulations

TSCA 12(b) Not applicable

SARA 313

Component	CAS-No	Weight %	SARA 313 - Threshold Values %
Hydrochloric acid	7647-01-0	35-38	1.0

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

Component	CWA - Hazardous Substances	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants
Hydrochloric acid	X	5000 lb	-	-

Clean Air Act

Component	HAPS Data	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Hydrochloric acid	X		-

OSHA Occupational Safety and Health Administration
Not applicable

Component	Specifically Regulated Chemicals	Highly Hazardous Chemicals
Hydrochloric acid	-	TQ: 5000 lb

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Component	Hazardous Substances RQs	CERCLA EHS RQs
Hydrochloric acid	5000 lb	5000 lb

California Proposition 65 This product does not contain any Proposition 65 chemicals

State Right-to-Know

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Hydrochloric acid	X	X	X	X	X

U.S. Department of Transportation

Reportable Quantity (RQ):	Y
DOT Marine Pollutant	N
DOT Severe Marine Pollutant	N

U.S. Department of Homeland Security
This product contains the following DHS chemicals:

Component	DHS Chemical Facility Anti-Terrorism Standard
Hydrochloric acid	0 lb STQ (anhydrous); 11250 lb STQ (37% concentration or greater)

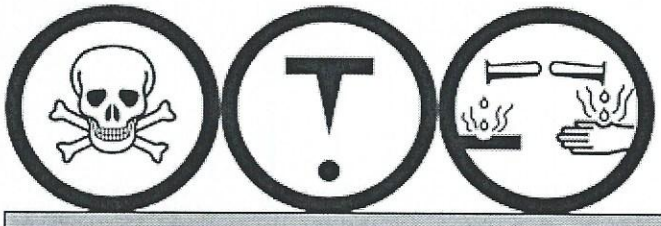
Other International Regulations

Mexico - Grade No information available

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

WHMIS Hazard Class

D1A Very toxic materials
D2B Toxic materials
E Corrosive material



16. Other information

Prepared By

Regulatory Affairs
Thermo Fisher Scientific
Email: EMSDS.RA@thermofisher.com

Creation Date 24-Aug-2009
Revision Date 28-Oct-2014
Print Date 28-Oct-2014
Revision Summary This document has been updated to comply with the US OSHA HazCom 2012 Standard replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Disclaimer

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of SDS