# EOU HAZARD COMMUNICATION PROGRAM

Eastern Oregon University Last updated June 30, 2023

# **Table of Contents**

Hazard Communication Program	3
Definitions	
Appendix A: Safety Data Sheet	
Appendix B: Label	

# **Hazard Communication Program**

The management of Eastern Oregon University is committed to preventing accidents and ensuring the safety and health of our employees. We will comply with all applicable federal and state health and safety rules and provide a safe, healthful environment for all our employees. This written hazard communication program is available on the Eastern Oregon University EH&S webpage under the subpage Program Services.

# **Identifying hazardous chemicals**

Eastern Oregon University utilizes MSDSonline by Velocity as a chemical inventory and for maintenance of Safety Data Sheets. The location of all hazardous chemicals is available under the product inventory. Detailed information about the physical and health effects of each chemical is included in a safety data sheet; the identity of each chemical on the inventory matches the identity of the chemical on its safety data sheet. Safety data sheets are readily available to employees in their work area. Appendix A shows an example Safety Data Sheet.

# Identifying containers that have hazardous chemicals

All hazardous chemical containers used at this workplace will clearly identify the chemical on the label, and include an appropriate hazard warning and the manufacturer's name and address. No container will be released for use until this information is verified. The department supervisor or EH&S professional will ensure that all containers are labeled with a copy of the original manufacturer's label or a label that has the appropriate product identification and hazard warnings.

As of June 1, 2015, all hazardous chemical containers used at this workplace will clearly identify the chemical on the label, and include a pictogram, a signal word, hazard and precautionary statements and the manufacturer's name, address and phone number. No container will be released for use until this information is verified. The department supervisor or EH&S professional will ensure that all containers are labeled with a copy of the original manufacturer's label or a label that has the appropriate label elements including the product identification and any hazard warnings. Appendix B shows an example label.

# Maintaining safety data sheets records

Safety data sheets are readily available to all employees. Employees can review safety data sheets for all hazardous chemicals used at their workplace, by utilizing the link on the EOU one login page, department supervisors will also maintain hard copies of safety data sheets and be found near the chemical location. The safety data sheets are updated and managed by the department supervisor or EH&S professional. If a safety data sheet is not available for a hazardous chemical, immediately notify the department supervisor or EH&S professional.

In compliance with OSHA standard 29 CFR 1910.1020 EOU will keep a record of all chemicals on campus and their location for 30 years. This comprehensive list is stored

in the Science Stores Stockroom along with the physical copies of EOU's Master Safety Data Sheet Binders.

# Training employees about chemical hazards

Supervisors must review the following topics with employees before they begin their work or are exposed to new hazardous chemicals.

- An overview of the requirements in Oregon OSHA's hazard communication rules.
- Hazardous chemicals present in their workplace.
- The written hazard communication program and where it may be reviewed
- · How to read labels and review safety data sheets.
- Physical and health effects of the hazardous chemicals.
- Methods used to determine the presence or release of hazardous chemicals in the work area.
- How to reduce or prevent exposure to these hazardous chemicals through use of control/work practices and personal protective equipment.
- Steps we have taken to reduce or prevent exposure to these chemicals.
- Emergency procedures to follow if an employee is exposed to these chemicals.

# Informing employees who do special tasks

When employees are required to perform a hazardous non-routine task involving a chemical substance, the supervisor should inform each affected employee of specific chemical hazards; protective safety measures that can be taken; measures taken by the university to lessen the hazard (such as ventilation, respirators, required presence of fellow workers); and established emergency procedures. Examples of non-routine tasks are work in confined places and work with asbestos.

# **Labeling for Pipes**

Eastern Oregon University does not currently have any chemicals transported via pipeline. However, should the university have chemical piping in the future then pipes will be labeled in ordnance with OAR 437-002-0378.

# **Exchange of information with contractors**

Pre-construction conferences provide a convenient forum for exchange of information about hazardous chemicals. The contractor will be asked to inform the University of any hazardous chemicals they plan to use as part of the project and the contractor will be informed by the University of any of the University's hazardous chemicals they may come into contact with during the construction process. The capital projects manager or appropriate department supervisor will be responsible for communicating this information with the hired contractors.

Source: http://www.cbs.state.or.us/osha/pdf/pubs/4802.pdf

# **Definitions**

**Chemical:** any element, chemical compound, or mixture of elements and/or compounds.

**Hazardous chemical:** any chemical whose presence or use is physical hazard or health hazard.

**Hazard Communication Program:** To ensure chemical safety in the workplace, a program developed to disseminate information about the identities and hazards of the chemicals in accordance with OSHA's hazard communication standard and Oregon OSHA hazard communication rules.

**OSHA:** United States Occupational Safety and Health Administration, U.S. Department of Labor.

**Oregon OSHA:** Oregon Occupational Safety and Health Administration is a part of the Oregon Department of Consumer and Business Services and operates under a state-plan agreement with federal OSHA. They enforce the state's workplace safety and health rules.

**Personal Protective Equipment:** Personal protective equipment is designed to protect employees from serious workplace injuries or illnesses resulting from contact with chemical, radiological, physical, electrical, mechanical, or other workplace hazards.

**Safety Data Sheet (SDS):** A form containing data regarding the properties of a particular substance. It is intended to provide workers and emergency personnel with procedures for handling or working with that substance in a safe manner.

# **Appendix A: Safety Data Sheet**



www.sigmaaldrich.com

Version 6.8 Revision Date 03/21/2023 Print Date 03/22/2023

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifiers

Product name : Acetone

Product Number : 179124

Brand : SIGALD

Index-No. : 606-001-00-8

CAS-No. : 67-64-1

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

Identified uses : Laboratory chemicals, Synthesis of substances

# 1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc. 3050 SPRUCE ST

ST. LOUIS MO 63103 UNITED STATES

Telephone : +1 314 771-5765 Fax : +1 800 325-5052

1.4 Emergency telephone

Emergency Phone # : 800-424-9300 CHEMTREC (USA) +1-703-

527-3887 CHEMTREC (International) 24

Hours/day; 7 Days/week

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

# GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable liquids (Category 2), H225 Eye irritation (Category 2A), H319 Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336

For the full text of the H-Statements mentioned in this Section, see Section 16.

# 2.2 GHS Label elements, including precautionary statements

Pictogram



Signal Word Danger

SIGALD - 179124 Page 1 of 12

Hazard statement(s) H225 H319 H336	Highly flammable liquid and vapor. Causes serious eye irritation. May cause drowsiness or dizziness.
Precautionary statement(s)	
P210	Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing mist or vapors.
P264	Wash skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/ eye protection/ face protection.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304 + P340 + P312	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/ attention.
P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

# 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Repeated exposure may cause skin dryness or cracking.

# **SECTION 3: Composition/information on ingredients**

# 3.1 Substances

Component	Classification	Concentrat ion
acetone		
	Flam. Liq. 2; Eye Irrit. 2A; STOT SE 3; H225, H319, H336 Concentration limits: >= 20 %: STOT SE 3, H336;	<= 100 %

SIGALD - 179124 Page 2 of 12

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### **SECTION 4: First aid measures**

#### 4.1 Description of first-aid measures General advice

Show this material safety data sheet to the doctor in attendance.

#### If inhaled

After inhalation: fresh air. Call in physician.

#### In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

#### In case of eye contact

After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.

#### If swallowed

After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

# 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

# 4.3 Indication of any immediate medical attention and special treatment needed No data available

# **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media Suitable extinguishing media

Carbon dioxide (CO2) Foam Dry powder

#### Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

#### 5.2 Special hazards arising from the substance or mixture

Carbon oxides Combustible.

Pay attention to flashback.

Vapors are heavier than air and may spread along floors.

Development of hazardous combustion gases or vapours possible in the event of fire. Forms explosive mixtures with air at ambient temperatures.

#### **5.3** Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

#### 5.4 Further information

Remove container from danger zone and cool with water. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SIGALD - 179124 Page 3 of 12

#### **SECTION 6: Accidental release measures**

# 6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

#### **6.2 Environmental precautions**

Do not let product enter drains. Risk of explosion.

#### 6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up with liquid-absorbent material (e.g. Chemizorb $\circledR$ ). Dispose of properly. Clean up affected area.

#### 6.4 Reference to other sections

For disposal see section 13.

# **SECTION 7: Handling and storage**

# 7.1 Precautions for safe handling Advice on safe handling

Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.

#### Advice on protection against fire and explosion

Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.

#### **Hygiene measures**

Change contaminated clothing. Preventive skin protection recommended. Wash hands after working with substance.

For precautions see section 2.2.

# 7.2 Conditions for safe storage, including any incompatibilities Storage conditions

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition.

#### Storage class

Storage class (TRGS 510): 3: Flammable liquids

# 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

# **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Ingredients with workplace control parameters

Component	CAS-No	Value	Control parameter s	Basis
acetone	67-64- 1	TWA	250 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remark s	Not classifiable as a human carcinogen		

SIGALD - 179124 Page 4 of 12

STEL	500 ppm	USA. ACGIH Threshold Limit Values (TLV)
Not classifiable as a human carcinogen		
TWA	250 ppm 590 mg/m3	USA. NIOSH Recommended Exposure Limits
TWA	1,000 ppm 2,400 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
С	3,000 ppm	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
PEL	500 ppm 1,200 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
STEL	750 ppm 1,780 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)

**Biological occupational exposure limits** 

Component	CAS-No	Paramet	Value	Biological	Basis
		ers		specimen	
acetone	67-64-1	Acetone	25	Urine	ACGIH -
			mg/l		Biological
					Exposure
					Indices (BEI)
	Remark	End of shift (As soon as possible after exposure ceases)		osure ceases)	
	s				

**Derived No Effect Level (DNEL)** 

Delived No Ellect Level (DNLL)				
Application	Routes of	Health effect	Value	
Area	exposure			
Workers	Skin contact	Long-term systemic effects	186mg/kg BW/d	
Consumers	Ingestion	Long-term systemic effects	62mg/kg BW/d	
Consumers	Skin contact	Long-term systemic effects	62mg/kg BW/d	
Workers	Inhalation	Acute systemic effects	2420 mg/m3	
Workers	Inhalation	Long-term systemic effects	1210 mg/m3	
Consumers	Inhalation	Long-term systemic effects	200 mg/m3	

# **Predicted No Effect Concentration (PNEC)**

Predicted No Effect Concentration (PNEC)			
Compartment	Value		
Soil	33.3 mg/kg		
Sea water	1.06 mg/l		
Fresh water	10.6 mg/l		
Sea sediment	3.04 mg/kg		
Fresh water sediment	30.4 mg/kg		
Onsite sewage treatment plant	100 mg/l		

# 8.2 Exposure controls

# **Appropriate engineering controls**

Change contaminated clothing. Preventive skin protection recommended. Wash hands after working with substance.

SIGALD - 179124 Page 5 of 12

#### Personal protective equipment

#### **Eve/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

#### Skin protection

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

Full contact

Material: butyl-rubber

Minimum layer thickness: 0.7 mm Break through time: 480 min Material

tested:Butoject® (KCL 898)

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

Splash contact Material: Latex gloves

Minimum layer thickness: 0.6 mm Break through time: 10 min Material tested:Lapren® (KCL 706 / Aldrich Z677558, Size M)

# **Body Protection**

Flame retardant antistatic protective clothing.

#### **Respiratory protection**

required when vapours/aerosols are generated.

Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

# **Control of environmental exposure**

Do not let product enter drains. Risk of explosion.

#### **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

a) Appearance Form: clear, liquid Color: colorless

b) Odor pungent, weakly aromatic

c) Odor Threshold 0.1 ppm

d) pH 5 - 6 at 395 g/l at 20 °C (68 °F)

e) Melting point/range: -94 °C (-137 °F) - lit.

point/freezing point

f) Initial boiling point and boiling 56 °C 133 °F at 1,013 hPa - lit.

range

SIGALD - 179124 Page 6 of 12

g) Flash point -17.0 °C (1.4 °F) - closed cup

h) Evaporation rate No data available

i) Flammability (solid, gas) No data available

j) Upper/lower flammability or

explosive limits

Upper explosion limit: 13 %(V) Lower

explosion limit: 2 %(V)

k) Vapor pressure 245.3 hPa at 20.0 °C (68.0 °F)

I) Vapor density No data available

m) Density 0.791 g/cm3 at 25 °C (77 °F) - lit.

Relative density No data available

n) Water solubility soluble, in all proportions

o) Partition coefficient: No data available

n-octanol/water

p) Autoignition temperature 465.0 °C (869.0 °F)

q) Decomposition temperature Distillable in an undecomposed state at

normal pressure.

r) Viscosity No data availables) Explosive properties No data available

t) Oxidizing properties none

#### 9.2 Other safety information

Conductivity 0.01  $\mu$ S/cm at 20 °C (68 °F) Surface tension 23.2 mN/m at 20.0 °C (68.0 °F)

# **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

Vapors may form explosive mixture with air.

#### 10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

#### 10.3 Possibility of hazardous reactions

Risk of ignition or formation of inflammable gases or vapours with: chromosulfuric acid chromyl chloride ethanolamine Fluorine

Strong oxidizing agents strong reducing agents Nitric acid chromium(VI) oxide Risk of explosion with:

nonmetallic oxyhalides

SIGALD - 179124 Page 7 of 12

halogen-halogen compounds Chloroform nitrating acid nitrosyl compounds hydrogen peroxide halogen oxides organic nitro compounds peroxi compounds Exothermic reaction with: Bromine Alkali metals alkali hydroxides Halogenated hydrocarbon Sulfur dichloride phosphorous oxichloride

#### 10.4 Conditions to avoid

Warming.

# 10.5 Incompatible materials

rubber, various plastics

# 10.6 Hazardous decomposition products

In the event of fire: see section 5

# **SECTION 11: Toxicological information**

# 11.1 Information on toxicological effects Acute toxicity

LD50 Oral - Rat - female - 5,800 mg/kg Remarks: (ECHA) LC50 Inhalation - Rat - 4 h - 76 mg/l - vapor

Remarks: Unconsciousness Drowsiness

Dizziness (External MSDS)

LD50 Dermal - Rabbit - 20,000 mg/kg Remarks: (IUCLID)

#### Skin corrosion/irritation

Skin - Rabbit

Result: Mild skin irritation - 24 h (Draize Test)

Remarks: (RTECS)

# Serious eye damage/eye irritation

Eyes - Rabbit

Result: Eye irritation - 24 h (Draize Test)

Remarks: (RTECS)

#### Respiratory or skin sensitization

Maximization Test - Guinea pig

SIGALD - 179124 Page 8 of 12

Result: Not a skin sensitizer. Remarks: (ECHA) Chronic exposure may cause dermatitis.

#### Germ cell mutagenicity

Test Type: Mutagenicity (mammal cell test): chromosome aberration. Test system: Chinese

hamster ovary cells

Metabolic activation: with and without metabolic activation Method: OECD Test Guideline

473

Result: negative Test Type: Ames test

Test system: Salmonella typhimurium

Metabolic activation: with and without metabolic activation Method: OECD Test Guideline

471

Result: negative

Test Type: In vitro mammalian cell gene mutation test Test system: Mouse lymphoma test

Metabolic activation: without metabolic activation Method: OECD Test Guideline 476

Result: negative

# Carcinogenicity

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is

identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is

identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is

on OSHA's list of regulated carcinogens.

## Reproductive toxicity

No data available

# Specific target organ toxicity - single exposure

Inhalation - May cause drowsiness or dizziness. - Narcotic effects

#### Specific target organ toxicity - repeated exposure

No data available

#### **Aspiration hazard**

No data available

#### 11.2 Additional Information

RTECS: AL3150000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

After absorption:

Headache Salivation Nausea Vomiting Dizziness narcosis Coma

Other dangerous properties can not be excluded.

SIGALD - 179124 Page 9 of 12

Handle in accordance with good industrial hygiene and safety practice.

Kidney - Irregularities - Based on Human Evidence Skin - Dermatitis - Based on Human

Evidence Kidney - Irregularities - Based on Human Evidence Skin - Dermatitis - Based on

Human Evidence

# **SECTION 12: Ecological information**

#### 12.1 Toxicity

Toxicity to fish flow-through test LC50 - Pimephales promelas (fathead minnow) -

6,210 mg/l - 96 h

(OECD Test Guideline 203)

Toxicity to daphnia and other aquatic static test LC50 - Daphnia pulex (Water flea) - 8,800 mg/l - 48 h Remarks: (ECHA)

invertebrates

Toxicity to algae static test NOEC - M.aeruginosa - 530 mg/l - 8 d

(DIN 38412)

Remarks: (maximum permissible toxic concentration) (IUCLID)

Toxicity to bacteria static test EC50 - activated sludge - 61.15 mg/l - 30 min (OECD Test

Guideline 209)

Toxicity to daphnia and other aquatic

flow-through test NOEC - Daphnia magna

invertebrates(Chronic toxicity) (Water flea) - 2,212 mg/l

- 28 d

Remarks: (ECHA)

#### 12.2 Persistence and degradability

Biodegradability aerobic - Exposure time 28 d

Result: 91 % - Readily biodegradable. (OECD Test Guideline 301B)

Biochemical Oxygen Demand (BOD) 1,850 mg/g Remarks: (IUCLID)

Chemical Oxygen Demand (COD) 2,070 mg/g Remarks: (IUCLID)

Theoretical oxygen demand 2,200 mg/g Remarks: (Lit.)

#### 12.3 Bioaccumulative potential

Does not bioaccumulate.

# 12.4 Mobility in soil

No data available

SIGALD - 179124 Page 10 of 12

#### 12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

# 12.6 Endocrine disrupting properties

No data available

#### 12.7 Other adverse effects

#### **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods Product

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

#### SECTION 14: Transport information DOT (US)

UN number: 1090 Class: 3 Packing group: II Proper shipping name: Acetone

Reportable Quantity (RQ): 5000 lbs Poison Inhalation Hazard: No

**IMDG** 

UN number: 1090 Class: 3 Packing group: II EMS-No: F-E, S-D

Proper shipping name: ACETONE

**IATA** 

UN number: 1090 Class: 3 Packing group: II Proper shipping name: Acetone

# **SECTION 15: Regulatory information SARA 302 Components**

This material does not contain any components with a section 302 EHS TPQ.

#### **SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

# **Massachusetts Right To Know Components**

CAS-No. 67-64-1 Revision Date acetone 1993-02-16

#### **Pennsylvania Right To Know Components**

acetone CAS-No. Revision Date

SIGALD - 179124 Page 11 of 12

67-64-1

1993-02-16

#### **SECTION 16: Other information Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Copyright 2020 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com.

Version: 6.8 Revision Date: 03/21/2023 Print Date: 03/22/2023

SIGALD - 179124 Page 12 of 12

# **Appendix B: Label**

#### SAMPLE LABEL PRODUCT IDENTIFIER HAZARD PICTOGRAMS CODE Product Name SUPPLIER IDENTIFICATION SIGNAL WORD Company Name\_ Danger Street Address \_\_ HAZARD STATEMENT Highly flammable liquid and vapor. Country Postal Code \_\_\_\_\_ May cause liver and kidney damage. SUPPLEMENTAL INFORMATION Emergency Phone Number \_\_ Directions for use PRECAUTIONARY STATEMENTS Keep container tightly closed. Store in cool, well ventilated place that is locked. Keep away from heat/sparks/open flame. No Fill weight: Lot Number Only use non-sparking tools. Use explosion-proof electrical equipment. Gross weight: Take precautionary measure against static discharge. Expiration Date: Ground and bond container and receiving equipment. Do not breathe vapors. Wear Protective gloves. Do not eat, drink or smoke when using this Wash hands thoroughly after handling. Dispose of in accordance with local, regional, national, international regulations as In Case of Fire: use dry chemical (BC) or Carbon diaxide (CO<sub>2</sub>) fire extinguisher to extinguish. First Aid If exposed call Poison Center. If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.