

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 7/25/2022 Revision date: 1/11/2024 Supersedes: 7/25/2022 Version: 1.1

SECTION 1: Identification	
1.1. Identification	
Product form Product name	 Mixture 2-HYDROXYETHYL BIS(2-BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%) 100 UG/ML IN ACETONITRILE
Product code	: ULM-11379-S
1.2. Recommended use and restrictions of	on use
No additional information available	
1.3. Supplier	
Cambridge Isotope Laboratories, Inc. 50 Frontage Rd 01810 ANDOVER, MA, 01810 USA T 1-800-322-1174 <u>cilsales@isotope.com</u> - <u>www.isotope.com</u>	
1.4. Emergency telephone number	
Emergency number	: 1-703-741-5970 Chemtrec 1-800-424-9300 24 hours
SECTION 2: Hazard(s) identification	
2.1. Classification of the substance or mi	xture
GHS US classification	
Flammable liquids Category 2	H225 Highly flammable liquid and vapor
Acute toxicity (oral) Category 4 Acute toxicity (dermal) Category 4	H302 Harmful if swallowed H312 Harmful in contact with skin
Acute toxicity (inhalation) Category 4	H332 Harmful if inhaled
Serious eye damage/eye irritation Category 2	H319 Causes serious eye irritation
Full text of H statements : see section 16	
2.2. GHS Label elements, including preca	autionary statements
GHS US labeling	
Hazard pictograms (GHS US)	
Signal word (GHS US) Hazard statements (GHS US)	 Danger H225 - Highly flammable liquid and vapor H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled
Precautionary statements (GHS US)	 H319 - Causes serious eye irritation P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. heat, hot surfaces, open flames, sparks

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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 dust, fume, gas, mist, spray, vapors.
P264 - Wash Both hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective clothing, protective gloves.
P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell.
P302+P352 - If on skin: Wash with plenty of water.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse
skin with water/shower.
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.
P312 - Call a poison center or doctor if you feel unwell.
P322 - Specific treatment (see supplemental first aid instruction on this label)
P330 - Rinse mouth.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use Alcohol resistant foam, Carbon dioxide, Dry chemical, Water
spray to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool.
P501 - Dispose of contents/container to Comply with applicable regulations.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
ACETONITRILE UNLABELED	CAS-No.: 75-05-8		Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2A, H319
2-HYDROXYETHYL BIS(2-BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%)	CAS-No.: 1477494- 86-2	0.013	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335

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

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SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Immediately call a poison center or doctor/physician. Specific measures (see Hazard pictograms (CLP) on this label). Wash with plenty of soap and water. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
First-aid measures after ingestion	: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.
4.2. Most important symptoms and effects (acute and delayed)
Potential Adverse human health effects and symptoms	: 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. Treat as cyanide poisoning. Always have on hand a cyanide first-aid kit, together with proper instructions. The onset of symptoms is generally delayed pending conversion to cyanide. Nausea, Vomiting, Diarrhea, Headache, Dizziness, Rash, Cyanosis, Excitement, Depression, Drowsiness, Impaired judgment, Lack of coordination, Stupor, Death. Lungs - Lung edema - Based on human evidence. Harmful if swallowed. Harmful in contact with skin.
Symptoms/effects after inhalation	: Harmful if inhaled. Danger of serious damage to health by prolonged exposure through inhalation.
Symptoms/effects after skin contact	: Harmful in contact with skin. Repeated exposure to this material can result in absorption through skin causing significant health hazard.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures		
5.1. Suitable (and unsuitable) extin	guishing media	
Suitable extinguishing media	: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.	
5.2. Specific hazards arising from the chemical		
Fire hazard Explosion hazard	Highly flammable liquid and vapor.May form flammable/explosive vapor-air mixture.	
5.3. Special protective equipment and precautions for fire-fighters		
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.	

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SECTION 6: Accidental release measure	es	
6.1. Personal precautions, protective equipment and emergency procedures		
General measures	: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.	
6.1.1. For non-emergency personnel		
No additional information available		
6.1.2. For emergency responders		
No additional information available		
6.2. Environmental precautions		
Prevent further leakage or spillage if safe to do so. Do	o not let product enter drains. Discharge into the environment must be avoided.	
6.3. Methods and material for containment a	nd cleaning up	
For containment	: For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal. Small quantities of liquid spill: take up in non-combustible absorbent material and	

shovel into container for disposal.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed Precautions for safe handling Hygiene measures	 Handle empty containers with care because residual vapors are flammable. No open flames. No smoking. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Avoid breathing dust, mist or spray. Do not eat, drink or smoke when using this product. Wash Both hands thoroughly after handling.
7.2. Conditions for safe storage, includi	
Technical measures	: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical equipment.
Storage conditions Incompatible materials	 Store refrigerated (-5 °C to 5 °C). Protect from light. Heat sources.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2-HYDROXYETHYL BIS(2-BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%) 100 UG/ML IN ACETONITRILE No additional information available ACETONITRILE UNLABELED (75-05-8) USA - ACGIH - Occupational Exposure Limits ACGIH OEL TWA [ppm] 20 ppm Lower Respiratory Tract irritation. Not classifiable as a human carcinogen.

USA - OSHA - Occupational Exposure Limits OSHA PEL TWA [1]

	70 mg/m ³ The value in mg/m3 is approximate.
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ACETONITRILE UNLABELED (75-05-8)	
OSHA PEL TWA [2] 40 ppm The value in mg/m3 is approximate.	
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	34 mg/m ³ Forms Cyanide in the body.
NIOSH REL TWA [ppm]	20 ppm Forms Cyanide in the body.
2-HYDROXYETHYL BIS(2-BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%) (1477494-86-2)	
No additional information available	
8.2. Appropriate engineering controls	

No additional information available

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. Protective clothing. Protective goggles. Self-contained breathing apparatus.

Hand protection:	
Wear suitable protective clothing and gloves	
Eye protection:	
Wear safety glasses with side shields (or goggles) and a face shield.	
Skin and body protection:	
Wear suitable protective clothing	
Respiratory protection:	
Where exposure through inhalation may occur from use, respiratory protection equipment is recommended	

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Appearance Color Odor Odor threshold pH Melting point Freezing point Boiling point Flash point Palatiue eveneration rate (buttel acctate=1)	 Liquid Liquid, clear. Colorless ether-like No data available No data available -48 °C (-54°F) No data available 81 – 82 °C (178 - 180 °F) 2 °C (35.6 °F) - closed cup No data available
Flash point Relative evaporation rate (butyl acetate=1) Flammability (solid, gas)	: 2 °C (35.6 °F) - closed cup : No data available : Highly flammable liquid and vapor.
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Vapor pressure	: 73.18 hPa (54.89 mmHg) at 15°C (59 °F), 119.81 hPa (89.86 mmHg) at 25°C(77 °F)
Relative vapor density at 20°C	: 1.42 - (Air = 1.0)
Relative density	: No data available
Density	: 0.786 g/ml
Molecular mass	: 41.05 g/mol
Solubility	: Water: 100 %
Partition coefficient n-octanol/water (Log Pow)	: -0.34
Auto-ignition temperature	: 523 °C (973 °F)
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: 4.4 – 16 vol %
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Vapors may form explosive mixture with air.

10.2. Chemical stability

See storage and expiration date on CoA.

10.3. Possibility of hazardous reactions

Highly flammable liquid and vapor.

10.4. Conditions to avoid

Heat. Open flame. Direct sunlight. Sparks. Extremely high or low temperatures.

10.5. Incompatible materials

Acids, Bases, Oxidizing agents, Reducing agents, Alkali metals.

10.6. Hazardous decomposition products

May release flammable gases. Carbon oxides (CO, CO2). Nitrogen oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects		
Acute toxicity (dermal)	Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled.	
2-HYDROXYETHYL BIS(2-BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%) 100 UG/ML IN ACETONITRILE		
LD50 oral rat	2460 mg/kg	
LD50 dermal rabbit	2000 mg/kg	

LC50 Inhalation - Rat

≥ 26.8 mg/l

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2-HYDROXYETHYL BIS(2-BUTOXYETHY	L)PHOSPHATE UNLABELED (CP 97%) 100 UG/ML IN ACETONITRILE
LC50 Inhalation - Rat [ppm]	7551 ppm - 8h
ATE US (oral)	500 mg/kg body weight
ATE US (dermal)	2000 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h
ACETONITRILE UNLABELED (75-05-8)	
LD50 oral rat	2460 mg/kg
LD50 dermal rabbit	2000 mg/kg
LC50 Inhalation - Rat	≥ 26.8 mg/l
LC50 Inhalation - Rat [ppm]	7551 ppm - 8h
ATE US (oral)	500 mg/kg body weight
ATE US (dermal)	2000 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
	1.5 mg/l/4h
ATE US (dust, mist) Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
	L)PHOSPHATE UNLABELED (CP 97%) (1477494-86-2)
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Potential Adverse human health effects and	: This information is based on our current knowledge and is intended to describe the product for
symptoms	the purposes of health, safety and environmental requirements only. It should not therefore be
	construed as guaranteeing any specific property of the product. Treat as cyanide poisoning.
	Always have on hand a cyanide first-aid kit, together with proper instructions. The onset of
	symptoms is generally delayed pending conversion to cyanide. Nausea, Vomiting, Diarrhea,
	Headache, Dizziness, Rash, Cyanosis, Excitement, Depression, Drowsiness, Impaired
	judgment, Lack of coordination, Stupor, Death. Lungs - Lung edema - Based on human
Symptoms/effects after inhalation	evidence. Harmful if swallowed. Harmful in contact with skin. : Harmful if inhaled. Danger of serious damage to health by prolonged exposure through
	inhalation.
Symptoms/effects after skin contact	 Harmful in contact with skin. Repeated exposure to this material can result in absorption through
Symptomoreneous and skin collact	skin causing significant health hazard.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health
-, -, -, -, -, -, -, -, -, -, -, -, -, -	hazard.

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general

: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

2-HYDROXYETHYL BIS(2-BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%) 100 UG/ML IN ACETONITRILE			
LC50 - Fish [1]	1640 mg/l Pimephales promelas (fathead minnow) - 96h		
EC50 - Crustacea [1]	3600 mg/l Daphnia magna (Water flea) - 48h		
NOEC (chronic)	EC (chronic) 640 mg/l Daphnia magna (Water flea) - 14d		
ACETONITRILE UNLABELED (75-05-8)			
LC50 - Fish [1] 1640 mg/l Pimephales promelas (fathead minnow) - 96h			
EC50 - Crustacea [1]	tacea [1] 3600 mg/l Daphnia magna (Water flea) - 48h		
NOEC (chronic)	640 mg/l Daphnia magna (Water flea) - 14d		

12.2. Persistence and degradability

2-HYDROXYETHYL BIS(2-BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%) 100 UG/ML IN ACETONITRILE		
Persistence and degradability Biodegradability Result: - Readily biodegradable.		
ACETONITRILE UNLABELED (75-05-8)		
Persistence and degradability Biodegradability Result: - Readily biodegradable.		

12.3. Bioaccumulative potential

2-HYDROXYETHYL BIS(2-BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%) 100 UG/ML IN ACETONITRILE		
Partition coefficient n-octanol/water (Log Pow) -0.34		
Bioaccumulative potential No bioaccumulation is to be expected (log Pow <= 4).		
ACETONITRILE UNLABELED (75-05-8)		
Partition coefficient n-octanol/water (Log Pow) -0.34		
Bioaccumulative potential No bioaccumulation is to be expected (log Pow <= 4).		

12.4. Mobility in soil

2-HYDROXYETHYL BIS(2-BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%) 100 UG/ML IN ACETONITRILE		
Ecology - soil Not expected to absorb on soil.		
ACETONITRILE UNLABELED (75-05-8)		
Ecology - soil	Not expected to absorb on soil.	
12.5. Other adverse effects		
Other adverse effects	: Avoid release to the environment. Disposal must be done according to official regulations. May cause long lasting harmful effects to aquatic life.	

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13.1. Disposal methods	
Regional legislation (waste)	: Waste materials should be disposed of under conditions which meet Federal, State, and local
Product/Packaging disposal recommendations	 environmental control regulations. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
Ecology - waste materials	: Dispose of as unused product.
SECTION 14: Transport information	
In accordance with DOT / TDG / IMDG / IATA	
14.1. UN number	
	: UN1648
UN-No. (TDG) UN-No. (IMDG)	: UN1648 : 1648
UN-No. (IATA)	: 1648
14.2. UN proper shipping name	
Proper Shipping Name (DOT)	: Acetonitrile
Proper Shipping Name (TDG) Proper Shipping Name (IMDG)	: ACETONITRILE : ACETONITRILE
Proper Shipping Name (IATA)	: Acetonitrile
14.3. Transport hazard class(es)	
DOT	
Transport hazard class(es) (DOT)	: 3

Transport hazard class(es) (DOT) Hazard labels (DOT)



TDG

Transport hazard class(es) (TDG) Hazard labels (TDG)

: 3 : 3

: 3

: 3

IMDG

Transport hazard class(es) (IMDG) Hazard labels (IMDG)

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IATA Transport hazard class(es) (IATA) Hazard labels (IATA)	
14.4. Packing group	
Packing group (DOT) Packing group (TDG) Packing group (IMDG) Packing group (IATA)	: II : II : II : II
14.5. Environmental hazards	
Other information	: No supplementary information available.
14.6. Special precautions for user	
DOT UN-No.(DOT) DOT Special Provisions (49 CFR 172.102) DOT Packaging Exceptions (49 CFR 173.xxx) DOT Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx)	 UN1648 IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized. T7 - 4 178.274(d)(2) Normal
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 5L : 60 L
DOT Vessel Stowage Location	: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.
DOT Vessel Stowage Other	: 40 - Stow "clear of living quarters"
TDG UN-No. (TDG) Explosive Limit and Limited Quantity Index Excepted quantities (TDG) Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index Emergency Response Guide (ERG) Number	: UN1648 : 1 L : E2 : 5 L : 127

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IMDG	
Limited quantities (IMDG)	: 1L
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
IBC packing instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T7
Tank special provisions (IMDG)	: TP2
EmS-No. (Fire)	: F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage)	: S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS
Stowage category (IMDG)	: B
Stowage and handling (IMDG)	: SW2
Flash point (IMDG)	: 2°C c.c.
Properties and observations (IMDG)	: Colourless, volatile liquid. Flashpoint: 2°C c.c. Explosive limits: 3% to 16% Miscible with water. When involved in a fire, evolves toxic cyanide fumes. Harmful if swallowed, by skin contact or by inhalation.
MFAG-No	: 127
ΙΑΤΑ	
PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y341
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 353
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 364
CAO max net quantity (IATA)	: 60L
ERG code (IATA)	: 3L

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

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

2-HYDROXYETHYL BIS(2-BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%) 100 UG/ML IN ACETONITRILE

Subject to reporting requirements of United States SARA Section 313 Listed on EPA Hazardous Air Pollutant (HAPS)

CERCLA RQ	5000 lb
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
ACETONITRILE UNLABELED	75-05-8	Present	Active	
2-HYDROXYETHYL BIS(2- BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%)	1477494-86-2	Not present	-	

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ACETONITRILE UNLABELED (75-05-8) Subject to reporting requirements of United States SARA Section 313 Listed on EPA Hazardous Air Pollutant (HAPS) CERCLA RQ CERCLA RQ 5000 lb SARA Section 311/312 Hazard Classes Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard Delayed (chronic) health hazard

2-HYDROXYETHYL BIS(2-BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%) (1477494-86-2)		
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302	

15.2. International regulations

CANADA

2-HYDROXYETHYL BIS(2-BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%) 100 UG/ML IN ACETONITRILE

Listed on the Canadian DSL (Domestic Substances List)

ACETONITRILE UNLABELED (75-05-8)

Listed on the Canadian DSL (Domestic Substances List)

2-HYDROXYETHYL BIS(2-BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%) (1477494-86-2)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

EU-Regulations

No additional information available

National regulations

2-HYDROXYETHYL BIS(2-BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%) 100 UG/ML IN ACETONITRILE

Listed on INSQ (Mexican National Inventory of Chemical Substances)

ACETONITRILE UNLABELED (75-05-8)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations

2-HYDROXYETHYL BIS(2-BUTOXYETHYL)PHOSPHATE UNLABELED (CP 97%) 100 UG/ML IN ACETONITRILE	
	U.S Massachusetts - Right To Know List U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List

Component	State or local regulations
	U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List

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SECTION 16: Other information

according to Federal Register / Vol. 77, N	No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision date	: 01/11/2024
Other information	: This product is not radioactive. The data given for
	unlabeled compound, unless specifically indicate
	compounds are generally not available, but are a

This product is not radioactive. The data given for this product are those of the corresponding unlabeled compound, unless specifically indicated otherwise. Health and safety data for labeled compounds are generally not available, but are assumed to be similar or identical to the corresponding unlabeled compound.

Full text of H-phrases		
H225	Highly flammable liquid and vapor	
H302	Harmful if swallowed	
H312	Harmful in contact with skin	
H315	Causes skin irritation	
H319	Causes serious eye irritation	
H332	Harmful if inhaled	
H335	May cause respiratory irritation	

Safety Data Sheet (SDS), USA

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.