

**Opal Anti-Ms + Rb HRP and Opal Anti-Ms +
Rb Diluent**

ARH3001EA, ARD3001EA

SDS Preparation Date (dd/mm/yyyy): 04/07/2023

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SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier : Opal Anti-Ms + Rb HRP and Opal Anti-Ms + Rb Diluent**Product Code(s) :** ARH3001EA, ARD3001EA**1.2 Relevant identified uses of the substance or mixture and uses advised against**: Research and development only.
Restrictions on use: Professional use only**1.3 Details of the supplier of the safety data sheet:****Akoya Biosciences, Inc.**100 Campus Dr, 6th Floor
Marlborough, MA, U.S.A.
01752**Telephone :** (415) 765 6980**1.4 Emergency Telephone Number**

: Not available.

1.5 National Contact

: (888) 834 8892

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Clear liquid. Odorless.

Most important hazards:

May cause an allergic skin reaction. Occupational exposure to the substance or mixture may cause adverse effects.

For further information, please refer to section 11 of the SDS.

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. See Section 12 for more environmental information.

This mixture is classified as hazardous in accordance with Regulation (EC) No 1272/2008.

Classification:

Skin sensitization - Category 1A

Hazardous to the aquatic environment, Chronic - Category 3

2.2 Label elements*Hazard pictogram(s)*

Hazardous components which must be listed on the label:

2-Methyl-4-isothiazolin-3-one

Signal word

Warning

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Hazard statements:

May cause an allergic skin reaction.
 Harmful to aquatic life with long lasting effects.

Supplemental Hazard Statements:

Not applicable.

Precautionary statements:

Avoid breathing mist or spray.
 Wear protective gloves.
 IF ON SKIN: Wash with plenty of soap and water.
 If skin irritation or rash occurs: Get medical advice/attention.
 Wash contaminated clothing before reuse.
 Dispose of contents/container in accordance with local regulation.

2.3 Other hazards

Other hazards which do not result in classification:

Toxic fumes, gases or vapours may evolve on burning. Inhalation of mists or sprays may mildly irritate the upper respiratory tract and cause coughing or sneezing. May cause slight eye and skin irritation. May cause gastrointestinal irritation.

PBT assessment:

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

Endocrine disrupting properties:

2-Methyl-4-isothiazolin-3-one (CAS # 2682-20-4)

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Mixture

Substance name	CAS No	EC No.	Reach Registration No.	% Weight	Classification according to Regulation (EC) nr. 1272/2008	SCL, M-factor, ATE
1,2,3-Propanetriol	56-81-5	200-289-5	Present	5.00	Not classified	Not applicable.
Polyethylene glycol	25322-68-3	500-038-2	Present	1.00	STOT SE 3; H335	Not applicable.
Sodium chloride	7647-14-5	231-598-3	Present	0.8	Not classified	Not applicable.

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2-Methyl-4-isothiazolin-3-one	2682-20-4	220-239-6	Present	0.30	Acute Tox. 3; H301 Acute Tox. 2; H310 Acute Tox. 2; H330 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1; H317 STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	0.0002 ≤ C < 0.002 (EUH208) 0.002 ≤ C < 100 (Skin Sen 1A; H317)
Sodium Hydroxide	1310-73-2	215-185-5	Present	<0.1	Acute Tox. 4; H302 Skin Corr. 1A; H314 Eye Dam. 1; H318 Aquatic Chronic 3; H335	0.5 ≤ C < 2 (Skin Irrit 2; H315) 0.5 ≤ C < 2 (Eye Irrit 2; H319) 2 ≤ C < 5 (Skin Corr 1B; H314) 5 ≤ C < 100 (Skin Corr 1A; H314)
Zinc chloride	7646-85-7	231-592-0	Present	<0.1	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	5 ≤ C < 100 (STOT SE 3; H335)

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

- Ingestion* : Do not induce vomiting. Never give anything by mouth to a person who is unconscious or is having convulsions. Call a physician.
- Inhalation* : If inhaled, move to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing stops, provide artificial respiration. Call a poison center/doctor if you feel unwell.
- Skin contact* : Wash off with plenty of water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
- Eye contact* : Immediately flush eye(s) with plenty of water. If irritation or symptoms develop, seek medical attention.

4.1.2 Self-protection for the first aider

- : None known or reported by the manufacturer.

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4.2 Most important symptoms and effects, both acute and delayed

- : May cause an allergic skin reaction (e.g. swelling, rash and eczema). Direct eye contact may cause slight redness. Direct skin contact may cause temporary redness.
- : Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3 Indication of any immediate medical attention and special treatment needed

- : Provide general supportive measures and treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

- : Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

Unsuitable extinguishing media

- : Do not use water jet as extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture

- : Not classified as flammable. Toxic fumes, gases or vapors may evolve on burning.

5.3 Advice for firefighters

Protective equipment for fire-fighters

- : Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Special fire-fighting procedures

- : Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

- : Wear appropriate protective equipment. Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

- : Prevent product from entering drains, sewers, waterways and soil.

6.3 Methods and material for containment and cleaning up

- : Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand). Pick up and transfer to properly labeled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities. For waste disposal, see Section 13 of the SDS.

6.4 Reference to other sections

- : Refer to protective measures listed in sections 7 and 8. Refer to Section 13 for disposal of contaminated material.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

- : Use with adequate ventilation. Wear suitable protective equipment during handling. Avoid breathing dust, fume or vapors. Avoid contact with skin, eyes and clothing. Keep away from extreme heat and direct flame. Keep away from incompatibles. Keep containers tightly closed when not in use. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

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- : Store in cool/well-ventilated place. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. Keep away from incompatibles. Keep refrigerated.

7.3 Specific end use(s) : Research and development only.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

<u>Exposure Limits:</u>			
<u>Chemical Name</u>	<u>Exposure Limits</u>	<u>Type</u>	<u>Notes</u>
Polyethylene glycol	10 mg/m ³ (TWA)	The United Kingdom (WELs)	(mist)
Sodium Hydroxide	2 mg/m ³ (STEL)	The United Kingdom (WELs)	N/Av
Zinc chloride	1 mg/m ³ (TWA) 2 mg/m ³ (STEL)	The United Kingdom (WELs)	(fumes)

Biological Exposure Indices:

No biological exposure limits noted for the ingredient(s).

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Derived No Effect Level (DNEL)

- Sodium Chloride (CAS# 7647-14-5)
 - Dermal 1.4 mg/kg bw/day (Systemic, Chronic)
 - Inhalation 2 068.62 mg/m³ (Systemic, Chronic)
 - Dermal 295.52 mg/kg bw/day (Systemic, Acute)
 - Inhalation 2 068.62 mg/m³ (Systemic, Acute)
 - Dermal 0.5 mg/kg bw/day (Systemic, Chronic)
- 2-methyl-4-isothiazolin-3-one (CAS# 7647-14-5)
 - Inhalation 0.021 mg/m³ (Local, Chronic)
 - Inhalation 0.043 mg/m³ (Local, Acute)
 - Oral 0.027 mg/kg bw/day (Systemic, Chronic)
- Sodium hydroxide (CAS# 1310-73-2)
 - Dermal 33.8 mg/kg bw/day (Systemic, Chronic)
 - Inhalation 4.6 mg/m³ (Systemic, Chronic)
 - Dermal 0.79 mg/cm² (Local, Chronic)
 - Inhalation 1 mg/m³ (Local, Chronic)
 - Dermal 40 mg/kg bw/day (Systemic, Acute)
 - Inhalation 4.6 mg/m³ (Systemic, Acute)
 - Dermal 0.79 mg/cm² (Local, Acute)
 - Inhalation 4.6 mg/m³ (Local, Acute)
 - Dermal 16.9 mg/kg bw/day (Systemic, Chronic)
- Zinc chloride (CAS# 7646-85-7)
 - Dermal 8.3 mg/kg bw/day (Systemic, Chronic)
 - Inhalation 1 mg/m³ (Systemic, Chronic)
 - Dermal 8.3 mg/kg bw/day (Systemic, Chronic)

Predicted No Effect Concentration (PNEC)

- Sodium Chloride (CAS# 7647-14-5)
 - 5 mg/L (Water (Fresh))
 - 19 (Water (Marine))
 - 4.86 mg/kg soil dw (Soil)
 - 500 mg/L (STP)
- 2-methyl-4-isothiazolin-3-one (CAS# 7647-14-5)
 - 3.39 µg/L (Water (Fresh))
 - 3.39 µg/L (Water - Intermittent release) 3.39 µg/L (Water (Marine))
 - 0.047 mg/kg soil dw (Soil)
 - 0.23 mg/L (STP)
- Zinc Chloride (CAS# 7646-85-7)
 - 20.6 µg/L (Water (Fresh))
 - 6.1 µg/L (Water - Intermittent release)
 - 117.8 mg/kg sediment dw (Sediment (Fresh Water)) 56.5 mg/kg sediment dw (Sediment (Marine))
 - 35.6 mg/kg soil dw (Soil)
 - 100 µg/L (STP)

8.2 Exposure controls

Ventilation and engineering measures

- : Provide adequate ventilation. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

Respiratory protection

- : If airbourne concentrations are above the permissible exposure limit or are not known, respiratory protection may be required. Advice should be sought from respiratory protection specialists.

Skin protection

- : Gloves impervious to the material are recommended. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Wear sufficient clothing to prevent skin contact.

Eye / face protection

- : Wear as appropriate: Safety glasses with side shields; Tightly fitting safety goggles.

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Other protective equipment

- : Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

General hygiene considerations

- : Avoid breathing dust, fume or vapors. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

8.3 Environmental exposure controls

- : Avoid release to the environment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Yellow, Red, Orange, Colorless
Odour	: Odorless.
Odour threshold	: N/Av
pH	: N/Av
Flash point	: None.
Flashpoint (Method)	: N/Av
Lower flammable limit (% by vol.)	: N/Av
Upper flammable limit (% by vol.)	: N/Av
Auto-ignition temperature	: N/Av
Decomposition temperature	: N/Av
Oxidizing properties	: None.
Explosive properties	: Not explosive
Initial boiling point and boiling range	: N/Av
Melting/Freezing point	: N/Av
Relative density	: N/Av
Solubility in water	: N/Av
Other solubility(ies)	: N/Av
Vapour pressure	: N/Av
Vapour density	: N/Av
Partition coefficient: n-octanol/water	: N/Av
Viscosity	: N/Av
Evaporation rate (BuAe = 1)	: N/Av
Particle characteristics	: N/Av

9.2 Other Information

Volatiles (% by weight)	: N/Av
Volatile organic Compounds (VOC's)	: N/Av

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Other physical/chemical comments

: No additional information.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity : Not normally reactive.

10.2 Chemical stability : Stable under normal conditions.

10.3 Possibility of hazardous reactions

: Hazardous polymerization does not occur.

10.4 Conditions to avoid : Direct sources of heat. Do not use in areas without adequate ventilation. Avoid contact with incompatible materials.

10.5 Incompatible materials

: Strong oxidizing agents; Strong acids; Strong bases

10.6 Hazardous decomposition products

: None known, refer to hazardous combustion products in Section 5.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological effects:

Acute toxicity : Not classified for acute toxicity based on available data.

Skin corrosion/Irritation : Based on available data, the classification criteria are not met.

Serious eye damage/irritation

: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

: May cause an allergic skin reaction (e.g. swelling, rash and eczema). Not expected to be a respiratory sensitizer.

Germ cell mutagenicity : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity : Not expected to have carcinogenic effects. No components are listed as carcinogens by IARC or NTP.

Reproductive toxicity : This product is not expected to cause reproductive or developmental effects.

STOT-single exposure : Not classified as a specific target organ toxicity-single exposure.

STOT-repeated exposure : Not classified as specific target organ toxicity-repeated exposure.

Aspiration hazard : Not expected to be an aspiration hazard.

Routes of exposure : Skin contact

Effects of acute exposure : Skin contact: Direct skin contact may result in little or no irritation.

Potential Chronic Health Effects

: None known or reported by the manufacturer.

11.1.1 Acute Toxicity

Toxicological data : Not classified for acute toxicity based on available data. No data is available on the product itself.

ATE oral =>5000 mg/kg

ATE dermal =>5000 mg/kg

ATE inhalation (mist) = >5 mg/L

See below for individual ingredient acute toxicity data.

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Chemical name	LC ₅₀ (4hr) inh, rat	LD ₅₀	
		(Oral, rat)	(Rabbit, dermal)
1,2,3-Propanetriol	> 2.75 mg/L (mist) (No mortality)	27,200 mg/kg	> 18,700 mg/kg
Polyethylene glycol	N/Av	30 200 mg/kg	>20 000 mg/kg
Sodium chloride	10500 mg/m ³	3000 mg/kg	>10000mg/kg
2-Methyl-4-isothiazolin-3-one	N/Av	N/Av	N/Av
Sodium Hydroxide	N/Av	N/Av	N/Av
Zinc chloride	N/Av	1100 mg/kg	> 2000 mg/kg (No mortality)

11.2 Information on other Hazards

: None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

: Harmful to aquatic life with long lasting effects. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.

Ecotoxicity data:

Ingredients	CAS No	Toxicity to Fish		
		LC ₅₀ / 96h	NOEC / 21 day	M Factor
1,2,3-Propanetriol	56-81-5	51,000 - 57,000 mg/L (Rainbow trout)	N/Av	None.
Polyethylene glycol	25322-68-3	N/Av	N/Av	None.
Sodium chloride	7647-14-5	5480mg/L Bluegill sunfish	N/Av	None.
2-Methyl-4-isothiazolin-3-one	2682-20-4	N/Av	N/Av	N/Av
Sodium Hydroxide	1310-73-2	125 mg/L (Mosquito fish)	N/Av	None.
Zinc chloride	7646-85-7	0.33 - 0.78 mg/L (Fathead minnow) (dissolved zinc)	0.039 - 0.974 mg/L (30 days) (Rainbow trout) (dissolved zinc)	1

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<u>Ingredients</u>	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
1,2,3-Propanetriol	56-81-5	1851 - 2068 mg/L (Daphnia magna)	N/Av	None.
Polyethylene glycol	25322-68-3	N/Av	N/Av	None.
Sodium chloride	7647-14-5	4136mg/L (Daphnia magna)	314mg/L (Daphnia magna)	None.
2-Methyl-4-isothiazolin-3-one	2682-20-4	N/Av	N/Av	N/Av
Sodium Hydroxide	1310-73-2	40.4 mg/L (Daphnia magna)	N/Av	None.
Zinc chloride	7646-85-7	0.67 mg/L (Daphnia magna) (dissolved zinc)	0.048 - 0.156 mg/L	1

<u>Ingredients</u>	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
1,2,3-Propanetriol	56-81-5	77,712 mg/L/96hr (Green algae) (QSAR)	N/Av	None.
Polyethylene glycol	25322-68-3	N/Av	N/Av	None.
Sodium chloride	7647-14-5	N/Av	N/Av	None.
2-Methyl-4-isothiazolin-3-one	2682-20-4	N/Av	N/Av	N/Av
Sodium Hydroxide	1310-73-2	N/Av	N/Av	None.
Zinc chloride	7646-85-7	0.136 mg/L/72hr (Green algae) (dissolved zinc)	0.0049 - 0.124 mg/L/72hr	10

12.2 Persistence and degradability

: The product itself has not been tested.

12.3 Bioaccumulation potential

: The product itself has not been tested.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
1,2,3-Propanetriol (CAS 56-81-5)	- 1.76	3.162
Sodium chloride (CAS 7647-14-5)	N/Av	no bioaccumulation
Zinc chloride (CAS 7646-85-7)	0.15 (estimated)	0.4 - 7.51 (Channa punctatus/spotted snakehead fish)

12.4 Mobility in soil : The product itself has not been tested.

12.5 Results of PBT and vPvB assessment

: This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

12.6 Endocrine disrupting properties

: May cause endocrine disruption.

12.7 Other Adverse Environmental effects

: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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12.8 Additional information : None known or reported by the manufacturer.




SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Handling for Disposal : Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. This material and its container must be disposed of in a safe way.

Methods of Disposal : Dispose of in accordance with the European Directives on waste and hazardous waste. Waste must be classified and labelled prior to recycling or disposal. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14. TRANSPORTATION INFORMATION

<i>Regulatory Information</i>	14.1 UN Number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing Group	<i>Label</i>
ICAO/IATA	None.	Not regulated.	not regulated	none	
ICAO/IATA Additional information	None.				
IMDG	None.	Not regulated.	not regulated	none	
IMDG Additional information	None.				
ADR/RID	None.	not regulated	not regulated	none	
EU ADR/RID Classification Code					
EU ADR / RID Hazard Identification Number					
ADR/RID Additional information	Not classified as dangerous for conveyance in the meaning of the regulations for the transport of dangerous goods by road and rail.				

14.5 Environmental hazards : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

14.6 Special precautions for user

: Appropriate advice on safety must accompany the package.

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

: Not applicable.

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SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- : Classification according to Regulation (EC) No. 1272/2008 on the classification of hazardous mixtures. This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended [including Regulation (EU) 2020/878].

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended:

None of the components are specifically listed.

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended:

None of the components are specifically listed.

Directive 2012/18/EU (Seveso III) on the control of major-accident hazards involving dangerous substances:

Directive 98/24/EC on the protection of the health and safety of workers from risks related to chemical agents at work:

None of the components are specifically listed.

Directive 94/33/EC on the protection of young people at work:

None of the components are specifically listed.

Follow national regulation for work with chemical agents. German legislation on substances that are hazardous to water AwSV:

Water hazard class (Germany) - 2 (self classified)

15.2 Chemical safety assessment

- : A chemical safety assessment has not been carried out by the Manufacturer of this product.

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SECTION 16. OTHER INFORMATION

Legend :

- ACGIH: American Conference of Governmental Industrial Hygienists
- AICS: Australian Inventory of Chemical Substances
- CAS: Chemical Abstract Services
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- CFR: Code of Federal Regulations
- CSA: Canadian Standards Association
- DOT: Department of Transportation
- EC50: Effective Concentration 50%
- ENCS: Existing and New Chemical Substances
- EPA: Environmental Protection Agency
- IARC: International Agency for Research on Cancer
- IECSC: Inventory of Existing Chemical Substances
- IMDG: International Maritime Dangerous Goods
- IOC: Inventory of Chemicals
- KECI: Korean Existing Chemicals Inventory
- KECL: Korean Existing Chemicals List
- LC: Lethal Concentration /LD: Lethal Dose
- N/Av: Not Applicable /N/Av: Not Available
- NIOSH: National Institute of Occupational Safety and Health
- NOEC: No observable effect concentration
- NTP: National Toxicology Program
- OECD: Organisation for Economic Co-operation and Development
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible exposure limit
- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- SARA: Superfund Amendments and Reauthorization Act
- STEL: Short Term Exposure Limit
- TDG: Canadian Transportation of Dangerous Goods Act & Regulations
- TLV: Threshold Limit Values
- TSCA: Toxic Substance Control Act
- TWA: Time Weighted Average

Information Source :

1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices
2. ECHA - European Chemical Agency
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases
4. Safety Data Sheets from manufacturer.
5. US EPA Title III List of Lists
6. California Proposition 65 List
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal

Preparation Date (dd/mm/yyyy)

: 04/07/2023

Regulation and Procedure :

Skin sensitization; Expert judgement
Aquatic toxicity; Expert judgement

H-phrases (full-text)

H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.

Other special considerations for handling

: Provide adequate information, instruction and training for operators.

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<p><u>Prepared for:</u> Akoya Biosciences, Inc. 100 Campus Dr., 6th Floor Marlborough, MA 01752 Telephone: (855) 896 8401</p>	
<p><u>Prepared by:</u> ICC The Compliance Center Inc. http://www.thecompliancecenter.com</p>	

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