

SAFETY DATA SHEET

Antibodies Reagent IVD

Section 1. Identification

GHS product identifier : Antibodies Reagent IVD

Part no. : 8920007, 8920012, 8920015, 8920016, 8920017, 8920018, 8920022, 8920023, 8920036, 8920043, 8920045, 8920048, 8920049, 8920050, 8920053, 8920054, 8920064, 8920070, 8920084, 8920085, 8920086, 8920100, 8920108, 8920109, 8920120, 8920123, 8920130, 8920132, 8920144, 8920158, 8920200, 8920216, 8920230, 8920248, 8920249, 8920255, 8920261, 8920262, 8920263, 8920264, 8920265, 8920266, 8920267, 8920268, 8920269, 8920270, 8920271, 8920272, 8920273, 8920274, 8920276, 8920277, 8920278, 8920279, 8920280, 8920282, 8920331, 8920959, 8921013, 8921014, 8921015, 8921016, 8921017, 8921018, 8921019, 8921020, 8921021, 8921022, 8921023, 8921024, 8921025, 8921029, 8921030, 8921031, 8921032, 8921033, 8921034, 8921035, 8921036, 8921037, 8921042, 8921043, 8921044, 8921045, 8929995, 8929996, 8929998, 8929999, 8930007, 8930012, 8930015, 8930016, 8930017, 8930018, 8930022, 8930023, 8930036, 8930043, 8930045, 8930048, 8930049, 8930050, 8930053, 8930054, 8930064, 8930084, 8930085, 8930086, 8930108, 8930109, 8930120, 8930123, 8930130, 8930132, 8930144, 8930158, 8930200, 8930216, 8930230, 8930248, 8930249, 8930261, 8930262, 8930263, 8930264, 8930265, 8930266, 8930267, 8930268, 8930269, 8930270, 8930271, 8930272, 8930273, 8930274, 8930276, 8930277, 8930278, 8930279, 8930280, 8930282, 8930331, 8930959, 8931013, 8931014, 8931015, 8931016, 8931017, 8931018, 8931019, 8931020, 8931021, 8931022, 8931023, 8931024, 8931025, 8931029, 8931030, 8931031, 8931032, 8931033, 8931034, 8931035, 8931036, 8931037, 8931042, 8931043, 8931044, 8931045, 8939995, 8939996, 8939998, 8939999, 8921066, 8921067, 8921068, 8920698, 8920185, 8931066, 8931067, 8931068, 8930698, 8930185, 8921054, 8931054, 8921050, 8931050, 8921049, 8931049, 8920037, 8930037, 8920702, 8920705, 8920796, 8921051, 8930702, 8930705, 8930796, 8931051, 8920005, 8930005, 8921057, 8931057, 8921061, 8931061, 8920091, 8930091, 8920567, 8930567, 8920092, 8930092, 8921073, 8931073, 8920142, 8930142, 8920034, 8930034, 8920046, 8930046, 8921074, 8931074, 8920094, 8930094, 8921089, 8931089, 8921090, 8931090, 8930100, 8930070, 8930255, 8920809, 8930809, 8910809, 8940809, 8910042, 8920042, 8930042, 8940042, 8911097, 8921097, 8931097, 8941097, 8929994, 8939994, 8920869, 8930869, 8920871, 8930871, 8920870, 8930870, 8910901, 8930901, 8920899, 8930899, 8921052, 8931052

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

Identified uses :  For In Vitro Diagnostic Use

8920007 APC Mouse anti-human CD19

8920012 CD4/CD8/CD3 mouse anti-human

8920015 PE-Cy7 Mouse anti-human CD19

8920016 FITC Mouse anti-human CD19

8920017 PE Mouse anti-human CD19

8920018 PE Mouse anti-human CD1a

8920022 FITC Mouse anti-human CD2

8920023 PE Mouse anti-human CD2

8920036 PE Mouse anti-human CD7

8920043 FITC Mouse anti-human CD10

8920045 APC Mouse anti-human CD10

8920048 PE Mouse anti-human CD11b

8920049 APC Mouse anti-human CD11b

8920050 PE Mouse anti-human CD11c

8920053 PE Mouse anti-human CD13

8920054 PE-Cyanine 7 Mouse anti-human CD13

8920064 FITC Mouse anti-human CD16

8920070 FITC Mouse anti-human CD20

Section 1. Identification

8920084	PE Mouse anti-human CD25
8920085	APC Mouse anti-human CD25
8920086	PE-Cyanine 7 Mouse anti-human CD25
8920100	PE Mouse anti-human CD34
8920108	FITC Mouse anti-human CD38
8920109	PE Mouse anti-human CD38
8920120	FITC Mouse anti-human CD71
8920123	PE Mouse anti-human CD79a
8920130	PE Mouse anti-human CD117
8920132	PE-Cyanine 7 Mouse anti-human CD117
8920144	APC Mouse anti-human HLA-DR
8920158	FITC Mouse anti-human ZAP-70
8920200	PE Mouse anti-human CD5
8920216	APC-Cyanine 7 Mouse anti-human HLA-DR
8920230	APC Mouse anti-human CD5
8920248	APC Mouse anti-human CD61
8920249	FITC Mouse anti-human CD15
8920255	PE Mouse anti-human CD22
8920261	FITC Mouse anti-human MPO
8920262	APC Mouse anti-human CD79a
8920263	PE-Cyanine 7 Mouse anti-human CD3
8920264	APC-Cyanine 7 Mouse anti-human CD45
8920265	APC-Cyanine 7 Mouse anti-human CD8
8920266	PE-Cyanine 7 Mouse anti-human CD23
8920267	APC-Cyanine 7 Mouse anti-human CD36
8920268	APC-Cyanine 7 Mouse anti-human CD38
8920269	PE-Cyanine 7 Mouse anti-human CD45RA
8920270	PE Mouse anti-human CD45RO
8920271	APC Mouse anti-human CD45RO
8920272	FITC Mouse anti-human CD62P
8920273	PE Mouse anti-human CD69
8920274	PE Mouse anti-human CD127
8920276	FITC Mouse anti-human CD14
8920277	APC Mouse anti-human CD14
8920278	APC Mouse anti-human CD56
8920279	APC-Cyanine 7 Mouse anti-human CD56
8920280	PE-Cyanine 7 Mouse anti-human CD33
8920282	APC Mouse anti-human CD33
8920331	PE-Cyanine 7 Mouse anti-human CD11c
8920959	FITC Mouse anti-human CD45RA
8921013	PerCP-Cyanine 5.5 Mouse anti-human CD45
8921014	FITC Mouse anti-human CD45
8921015	PerCP-Cyanine 5.5 Mouse anti-CD3
8921016	FITC Mouse anti-human CD3
8921017	PerCP Mouse anti-human CD45
8921018	FITC Mouse anti-human CD4
8921019	APC Mouse anti-human CD4
8921020	PE-Cyanine 7 Mouse anti-human CD4
8921021	PE Mouse anti-human CD4
8921022	PE Mouse anti-human CD8
8921023	FITC Mouse anti-human CD8
8921024	PE-Cyanine 7 Mouse anti-human CD8
8921025	APC Mouse anti-human CD8
8921029	APC-Cyanine7 Mouse anti-human CD2
8921030	PerCP-Cyanine5.5 Mouse anti-human CD33
8921031	APC-Fire™750 Mouse anti-human CD117
8921032	APC-Fire™750 Mouse anti-human HLA-DR
8921033	APC-Fire™750 Mouse anti-human CD3
8921034	PerCP-Cyanine5.5 Mouse anti-human CD4
8921035	PE-Cyanine7 Mouse anti-human CD7

Section 1. Identification

8921036	APC-Fire™750 Mouse anti-human CD10
8921037	APC Mouse anti-human CD13
8921042	PE Mouse anti-human CD23
8921043	APC Mouse anti-human CD36
8921044	PE-Cyanine 7 Mouse anti-human CD56
8921045	PE-Dazzle™594 Mouse anti-human CD56
8929995	PE Mouse anti-human CD59
8929996	FITC Mouse anti-human CD14
8929998	PerCP Mouse anti-human CD45
8929999	APC Mouse anti-human HLA-DR
8930007	APC Mouse anti-human CD19
8930012	CD4/CD8/CD3 mouse anti-human
8930015	PE-Cyanine 7 Mouse anti-human CD19
8930016	FITC Mouse anti-human CD19
8930017	PE Mouse anti-human CD19
8930018	PE Mouse anti-human CD1a
8930022	FITC Mouse anti-human CD2
8930023	PE Mouse anti-human CD2
8930036	PE Mouse anti-human CD7
8930043	FITC Mouse anti-human CD10
8930045	APC Mouse anti-human CD10
8930048	PE Mouse anti-human CD11b
8930049	APC Mouse anti-human CD11b
8930050	PE Mouse anti-human CD11c
8930053	PE Mouse anti-human CD13
8930054	PE-Cyanine 7 Mouse anti-human CD13
8930064	FITC Mouse anti-human CD16
8930084	PE Mouse anti-human CD25
8930085	APC Mouse anti-human CD25
8930086	PE-Cyanine 7 Mouse anti-human CD25
8930108	FITC Mouse anti-human CD38
8930109	PE Mouse anti-human CD38
8930120	FITC Mouse anti-human CD71
8930123	PE Mouse anti-human CD79a
8930130	PE Mouse anti-human CD117
8930132	PE-Cyanine 7 Mouse anti-human CD117
8930144	APC Mouse anti-human HLA-DR
8930158	FITC Mouse anti-human ZAP-70
8930200	PE Mouse anti-human CD5
8930216	APC-Cyanine 7 Mouse anti-human HLA-DR
8930230	APC Mouse anti-human CD5
8930248	APC Mouse anti-human CD61
8930249	FITC Mouse anti-human CD15
8930261	FITC Mouse anti-human MPO
8930262	APC Mouse anti-human CD79a
8930263	PE-Cyanine 7 Mouse anti-human CD3
8930264	APC-Cyanine 7 Mouse anti-human CD45
8930265	APC-Cyanine 7 Mouse anti-human CD8
8930266	PE-Cyanine 7 Mouse anti-human CD23
8930267	APC-Cyanine 7 Mouse anti-human CD36
8930268	APC-Cyanine 7 Mouse anti-human CD38
8930269	PE-Cyanine 7 Mouse anti-human CD45RA
8930270	PE Mouse anti-human CD45RO
8930271	APC Mouse anti-human CD45RO
8930272	FITC Mouse anti-human CD62P
8930273	PE Mouse anti-human CD69
8930274	PE Mouse anti-human CD127
8930276	FITC Mouse anti-human CD14
8930277	APC Mouse anti-human CD14
8930278	APC Mouse anti-human CD56

Section 1. Identification

8930279	APC-Cyanine 7 Mouse anti-human CD56
8930280	PE-Cyanine 7 Mouse anti-human CD33
8930282	APC Mouse anti-human CD33
8930331	PE-Cyanine 7 Mouse anti-human CD11c
8930959	FITC Mouse anti-human CD45RA
8931013	PerCP-Cyanine 5.5 Mouse anti-human CD45
8931014	FITC Mouse anti-human CD45
8931015	PerCP-Cyanine 5.5 Mouse anti-human-CD3
8931016	FITC Mouse anti-human CD3
8931017	PerCP Mouse anti-human CD45
8931018	FITC Mouse anti-human CD4
8931019	APC Mouse anti-human CD4
8931020	PE-Cyanine 7 Mouse anti-human CD4
8931021	PE Mouse anti-human CD4
8931022	PE Mouse anti-human CD8
8931023	FITC Mouse anti-human CD8
8931024	PE-Cyanine 7 Mouse anti-human CD8
8931025	APC Mouse anti-human CD8
8931029	APC-Cyanine7 Mouse anti-human CD2
8931030	PerCP-Cyanine5.5 Mouse anti-human CD33
8931031	APC-Fire™750 Mouse anti-human CD117
8931032	APC-Fire™750 Mouse anti-human HLA-DR
8931033	APC-Fire™750 Mouse anti-human CD3
8931034	PerCP-Cyanine5.5 Mouse anti-human CD4
8931035	PE-Cyanine7 Mouse anti-human CD7
8931036	APC-Fire™750 Mouse anti-human CD10
8931037	APC Mouse anti-human CD13
8931042	PE Mouse anti-human CD23
8931043	APC Mouse anti-human CD36
8931044	PE-Cyanine 7 Mouse anti-human CD56
8931045	PE-Dazzle™594 Mouse anti-human CD56
8939995	PE Mouse anti-human CD59
8939996	FITC Mouse anti-human CD14
8939998	PerCP Mouse anti-human CD45
8939999	APC Mouse anti-human HLA-DR
8921066	PE-Cyanine7 Mouse anti-human CD28
8921067	PE-Cyanine5 Mouse anti-human CD28
8921068	APC-Cyanine7 Mouse anti-human CD28
8920698	PE-Cyanine7 Mouse anti-human CD41
8920185	FITC Mouse anti-human CD41
8931066	PE-Cyanine7 Mouse anti-human CD28
8931067	PE-Cyanine5 Mouse anti-human CD28
8931068	APC-Cyanine7 Mouse anti-human CD28
8930698	PE-Cyanine7 Mouse anti-human CD41
8930185	FITC Mouse anti-human CD41
8921054	APC-Cyanine7 Mouse anti-human CD13
8931054	APC-Cyanine7 Mouse anti-human CD13
8921050	PE-Cyanine5 Mouse anti-human CD7
8931050	PE-Cyanine5 Mouse anti-human CD7
8921049	PE-Cyanine5 Mouse anti-human CD10
8931049	PE-Cyanine5 Mouse anti-human CD10
8920037	APC Mouse anti-human CD7
8930037	APC Mouse anti-human CD7
8920702	APC-Cyanine7 Mouse anti-human CD42b
8920705	PE Mouse anti-human CD42b
8920796	APC Mouse anti-human CD58
8921051	PerCP-Cyanine5.5 Mouse anti-human CD71
8930702	APC-Cyanine7 Mouse anti-human CD42b
8930705	PE Mouse anti-human CD42b
8930796	APC Mouse anti-human CD58

Section 1. Identification

8931051	PerCP-Cyanine5.5 Mouse anti-human CD71
8920005	PE Mouse anti-human CD16
8930005	PE Mouse anti-human CD16
8921057	PE -Cyanine5 Mouse anti-human CD56
8931057	PE -Cyanine5 Mouse anti-human CD56
8920161	PE Mouse IgG1
8930161	PE Mouse IgG1
8920091	APC Mouse anti-human CD27
8930091	APC Mouse anti-human CD27
8920567	APC-FireTM750 Mouse anti-human CD27
8930567	APC-FireTM750 Mouse anti-human CD27
8920092	PerCP-Cyanine5.5 Mouse anti-human CD27
8930092	PerCP-Cyanine5.5 Mouse anti-human CD27
8921073	Pacific Blue™ Mouse anti-human CD45
8931073	Pacific Blue™ Mouse anti-human CD45
8920142	FITC Mouse anti-human HLA-DR
8930142	FITC Mouse anti-human HLA-DR
8920034	PerCP-Cyanine5.5 Mouse anti-human CD5
8930034	PerCP-Cyanine5.5 Mouse anti-human CD5
8920046	PE-Cyanine7 Mouse anti-human CD10
8930046	PE-Cyanine7 Mouse anti-human CD10
8921074	APC-Cyanine7 Mouse anti-human CD14
8931074	APC-Cyanine7 Mouse anti-human CD14
8920094	PE Mouse anti-human CD28
8930094	PE Mouse anti-human CD28
8921089	PE anti-human CD279(PD-1)
8931089	PE anti-human CD279(PD-1)
8921090	PE-Cyanine7 anti-human CD279
8931090	PE-Cyanine7 anti-human CD279
8930100	PE Mouse anti-human CD34
8930070	FITC Mouse anti-human CD20
8930255	Mouse anti-human CD22 (2 mL)
8920809	PE Mouse anti-human CD62L
8930809	PE Mouse anti-human CD62L
8910809	PE Mouse anti-human CD62L
8940809	PE Mouse anti-human CD62L
8910042	PerCP-Cyanine5.5 anti-human CD8
8920042	PerCP-Cyanine5.5 anti-human CD8
8930042	PerCP-Cyanine5.5 anti-human CD8
8940042	PerCP-Cyanine5.5 anti-human CD8
8911097	Spark Violet 538 anti-human CD45
8921097	Spark Violet 538 anti-human CD45
8931097	Spark Violet 538 anti-human CD45
8941097	Spark Violet 538 anti-human CD45
8929994	FITC Mouse anti-human CD235a
8939994	FITC Mouse anti-human CD2
8920869	PE Mouse anti-human CD81
8930869	PE Mouse anti-human CD81
8920871	PE-Dazzle594 anti-human CD81
8930871	PE-Dazzle594 anti-human CD81
8920870	PE-Cyanine7 Mouse anti-human CD81
8930870	PE-Cyanine7 Mouse anti-human CD81
8910901	FITC Mouse anti-human CD9
8930901	FITC Mouse anti-human CD9
8920899	APC Mouse anti-human CD9
8930899	APC Mouse anti-human CD9
8921052	APC Mouse anti-human CD99
8931052	APC Mouse anti-human CD99

Section 1. Identification

Supplier/Manufacturer : Agilent Technologies, Inc.
5301 Stevens Creek Blvd
Santa Clara, CA 95051, USA
800-227-9770

Emergency telephone number (with hours of operation) : CHEMTREC®: 1-800-424-9300

Section 2. Hazards identification

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture

Not classified.

GHS label elements

Signal word : No signal word.
Hazard statements : No known significant effects or critical hazards.
Precautionary statements
Prevention : Not applicable.
Response : Not applicable.
Storage : Not applicable.
Disposal : Not applicable.

Other hazards

Hazards not otherwise classified : None known.
Hazards identified when used : No known significant effects or critical hazards.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Section 4. First aid measures

Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : No specific data.

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Section 6. Accidental release measures

Methods and materials for containment and cleaning up

- Methods for cleaning up** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

None.

Biological exposure indices

No exposure indices known.

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Section 8. Exposure controls/personal protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

- Physical state** : Liquid.
- Color** : Not available.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : Not available.
- Melting point/freezing point** : 0°C (32°F)
- Boiling point or initial boiling point and boiling range** : 100°C (212°F)
- Flash point** : Not available.
- Evaporation rate** : Not available.
- Flammability** : Not applicable.
- Lower and upper explosion limit/flammability limit** : Not available.
- Vapor pressure** :

Ingredient name	Vapor Pressure at 20°C			Vapor pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
water	17.5	2.3	-	92.258	12.3	-

- Relative vapor density** : Not available.

- Relative density** : Not available.

- Solubility(ies)** :
- | Media | Result |
|-------|---------|
| water | Soluble |

- Miscible with water** : Yes.

- Partition coefficient: n-octanol/water** : Not applicable.

- Auto-ignition temperature** : Not available.

- Decomposition temperature** : Not available.

- Viscosity** : Dynamic (room temperature): Not available.
Kinematic (room temperature): Not available.
Kinematic (40°C (104°F)): Not available.

Particle characteristics

Section 9. Physical and chemical properties

Median particle size : Not applicable.

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Incompatible materials : May react or be incompatible with oxidizing materials.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Conclusion/Summary [Product] : Not available.

Skin corrosion/irritation

Conclusion/Summary [Product] : Not available.

Serious eye damage/eye irritation

Conclusion/Summary [Product] : Not available.

Respiratory corrosion/irritation

Conclusion/Summary [Product] : Not available.

Respiratory or skin sensitization

Skin

Conclusion/Summary [Product] : Not available.

Respiratory

Conclusion/Summary [Product] : Not available.

Germ cell mutagenicity

Conclusion/Summary [Product] : Not available.

Carcinogenicity

Section 11. Toxicological information

Not available.

Conclusion/Summary : Not available.
[Product]

Reproductive toxicity

Conclusion/Summary : Not available.
[Product]

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Not available.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No specific data.
Inhalation : No specific data.
Skin contact : No specific data.
Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.
Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.
Potential delayed effects : Not available.

Potential chronic health effects

Conclusion/Summary : Not available.
[Product]

General : No known significant effects or critical hazards.

Section 11. Toxicological information

- Carcinogenicity** : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Reproductive toxicity : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

N/A

Section 12. Ecological information

Toxicity

- Conclusion/Summary [Product]** : Not available.

Persistence and degradability

- Conclusion/Summary [Product]** : Not available.

Bioaccumulative potential

Not available.

Mobility in soil

- Soil/Water partition coefficient** : Not available.

- Other adverse effects** : No known significant effects or critical hazards.

Section 13. Disposal considerations

- Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-

Section 14. Transport information

Transport hazard class(es)	-	-	-	-	-
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to IMO instruments : Not available.

Section 15. Regulatory information

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

U.S. Federal regulations

TSCA 12(b) - Chemical export notification

Not applicable.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
Sodium azide	≤0.1	Yes.	500	-	1000	-

SARA 304 RQ : 1111111.1 lbs / 504444.4 kg

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients

No products were found.

State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : None of the components are listed.

Section 15. Regulatory information

Pennsylvania : None of the components are listed.

California Prop. 65

This product does not require a Safe Harbor warning under California Prop. 65.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia	: Not determined.
Canada	: Not determined.
China	: All components are listed or exempted.
Japan	: Japan inventory (CSCL) : Not determined. Japan inventory (ISHL) : Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: All components are listed or exempted.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: All components are active or exempted.
Viet Nam	: Not determined.

Section 16. Other information

Procedure used to derive the classification

Classification	Justification
Not classified.	

History

Date of issue/Date of revision : 06/17/2026

Date of previous issue : 03/27/2026

Version : 8

Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
DOT = Department of Transportation
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
IMO = International Maritime Organization

Section 16. Other information

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

N/A = Not available

SGG = Segregation Group

TDG = Transportation of Dangerous Goods

UN = United Nations

📌 Indicates information that has changed from previously issued version.

[Notice to reader](#)

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