Printing date 08/15/2024

Reviewed on 08/15/2024

Product identifier		
Trade name: <u>Pyridine :</u> 3:1	Water	
• Article number: EQS10.	15	
Details of the supplier of Manufacturer/Supplier: Aqua Solutions, Inc. 6913 Highway 225 DEER PARK, TX 77536 USA 800-256-2586		AQUA SOLUTIONS
Information department Technical Coordinator Sherman Nelson sherma Emergency telephone nu Chemtrec: 800-424-9300 Canutec: 613-996-6666	unn@aquasolutions.org u umber: 10	
Hazard(s) identifica	ntion	
Classification of the sub		
GHS02 Flame	е	
Flammable Liquids 2	H225 Highly flammable liquid and va	<i>por.</i>
GHS08 Healt	h hazard	
Carcinogenicity 2 GHS07	H351 Suspected of causing cancer.	
• Unisor		
1 . T 0 1 /	H302 Harmful if swallowed.H312 Harmful in contact with skin.	
Acute Toxicity - Oral 4	ion 4 H332 Harmful if inhaled.	
Acute Toxicity - Dermal		
Acute Toxicity - Dermal Acute Toxicity - Inhalati • Label elements • GHS label elements The	e product is classified and labeled according	g to the Globally Harmonized System (GHS).
Acute Toxicity - Dermal Acute Toxicity - Inhalati Label elements	e product is classified and labeled according	g to the Globally Harmonized System (GHS).

• *Hazard-determining components of labeling: Pyridine*

(Contd. on page 2)

Printing date 08/15/2024

Reviewed on 08/15/2024

Trade name: Pyridine : Water

Hacad statementsHighly flammable liquid and vapor.Harmful if swallowed, in contact with skin or if inhaled.Suspected of causing cancer.Precautionary statementsObtain special instructions before use.Do not handle until all safety precautions have been read and understood.Keep away from heat/sparks/open flames/hot surfaces No smoking.Keep container tightly closed.Ground/bond container and receiving equipment.Use explosion-proof electrical/ventilating/lighting/equipment.Use explosion-proof electrical/ventilating/lighting/equipment.Use only non-sparking tools.Take precautionary measures against static discharge.Avoid breathing dust/fume/gas/mist/vapors/sprayWash thoroughly after handling.Do not eat, drink or smoke when using this product.Use only outdoors or in a well-ventilated area.Wear protective gloves/protective closel/mig/eye protection/face protection.If swallowed: Call a poison center/doctor if you feel unwell.Rinse mouth.If exposed or concerned: Get medical al dorice/attention.Specific treatment (see on this label).Take got contaminated closing and wash it before reuse.In case of fire: Use CO2, powder or water spray to extinguish.Store locked up.Dispose of contents/container in accordance with local/regional/national/international regulations.Classification system:NFPA ratings (scale 0 - 4)If NFLALED = Remove person to fresh are proved up.Dispose of contents/container in accordance with local/regional/national/international regulations. <th></th> <th>(Contd. of page 1</th>		(Contd. of page 1
Harmful if swallowed, in contact with skin or if inhaled. Suspected of causing cancer: Precautionary statements Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep oway from heat/sparks/open flames/hot surfaces No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. Do not eat. drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center/doctri fy ou feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If iNHALED: Remove person to fresh air and keep comfortable for breathing. If exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contentricontainer in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 2 Reactivity = 0 DHIS-ratings (scale 0 - 4) Health = 3 Fire = 2 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
Suspected of causing cancer: Precautionary statements Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces No smoking. Keep container tighty closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If instance of concerned: Get medicately all contaminated clothing. Rinse skin with water/shower. If iNFLALED: Remove person to fresh air and keep comfortable for breathing. If exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store iocked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFLA ratings (scale 0 - 4) Health = 1 Health = 1 Health = 3 Health = 1 Health = 3 Health = 1 Health = 1 He		
Precutionary statementsObtain special instructions before use.Do not handle until all safety precautions have been read and understood.Keep away from head/sparks/open flames/hot surfaces No smoking.Keep container tightly closed.Ground/bond container and receiving equipment.Use explosion-proof electrical/ventilating/lighting/equipment.Use explosion-proof electrical/ventilating/lighting/equipment.Use only non-sparking tools.Take precautionary measures against static discharge.Avoid breathing dust/time/gas/mist/vapors/sprayWash thoroughly difer handling.Do not eat. drink or smoke when using this product.Use only outdoors or in a well-ventilated area.Wear protective clothing/exprotective clothing/exprotection/face protection.If swallowed: Call a poison center/doctor if you feel unwell.Rinse mouth.If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.IF IFINHALED: Remove person to fresh air and keep comfortable for breathing.Free age of fire: Use CO2, powder or water spray to extinguish.Store in a well-ventilated place. Keep cool.Store in a well-ventilated place. Keep cool.Store is clocked up.Dispose of contents/container in accordance with local/regional/national/international regulations.Clussification system:WHZ-Artings (scale 0 - 4)Weak the spread or construction of the spread or constructure in accordance with local/regional/national/international regulations.Clussification system:WFZ-A ratings (scale 0 - 4)WEALTINGWE		
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use eonly non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a polson center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. If exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminuted clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 1 Health = 3 Fire = 2 Feactivity = 0 Other hazards Results of PBT and vPVB assessment PBT: Not applicable.		
Do not handle until all safety precautions have been read and understood. Keep away from head/sparks/open flames/hot surfaces No smoking. Keep container rightly closed. Ground/bond container and receiving equipment. Use esplosion-proof electrical/ventilating/lighting/equipment. Use esplosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/jume/gas/mist/vapors/spray Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF Exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 1 Health = 3 Fire = 2 Reactivity = 0 Other hazards Results of PBT and vPVB assessment PBT: Not applicable.		
Keep away from heat/sparks/open flames/hot surfaces No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly difer handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF Ner Mear Derson to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing advash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTY 2 Health = 3 Fire = 2 Reactivity = 0 Other hazards Results of PBT and vPVB assessment PBT: Not applicable.		
Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use endplosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contentis/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH $\begin{bmatrix} 0 \\ Fire = 2 \\ Reactivity = 0 \end{bmatrix}$ Health = 3 Fire = 2 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If INHALED: Remove person to fresh air and keep comfortable for breathing. If exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) Health = 3 Fire = 2 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing, Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH $\stackrel{\circ}{=}$ Health = 3 Fire = 2 Reactivity = 0 Cher hazards Results of PBT and vPVB assessment PBT: Not applicable.		
Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing, Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) HEALTH 1 Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 2 Health = 3 Fire = 2 Reactivity = 0 Other hazards Results of PBT and vPVB assessment PBT: Not applicable.		
Take precautionary measures against static discharge.Avoid breathing dust/fume/gas/mist/vapors/sprayWash thoroughly after handling.Do not eat, drink or smoke when using this product.Use only outdoors or in a well-ventilated area.Wear protective gloves/protective clothing/eye protection/face protection.If swallowed: Call a poison center/doctor if you feel unwell.Rinse mouth.If on skin (or hair): Take off immediately all contaminated clothing, Rinse skin with water/shower.IF INHALED: Remove person to fresh air and keep comfortable for breathing.IF exposed or concerned: Get medical advice/attention.Specific treatment (see on this label).Take off contaminated clothing and wash it before reuse.In case of fire: Use CO2, powder or water spray to extinguish.Store in a well-ventilated place. Keep cool.Store in a well-ventilated place. Keep cool.Store locked up.Dispose of contents/container in accordance with local/regional/national/international regulations.Classification system:NFPA ratings (scale 0 - 4)HEALTH 3 Reactivity = 0HMIS-ratings (scale 0 - 4)HEALTH 3 Reactivity = 0Cher hazards Results of PBT and vPVB assessment PBT: Not applicable.		
Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing, Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) HEALTH \bigcirc Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH \bigcirc Health = 3 Fire = 2 Reactivity = 0 Chren kazards Results of PBT and vPvB assessment PBT : Not applicable.		
Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 2 Health = 3 Fire = 2 Fire = 2 REACTIVIT 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 2 Health = 3 Fire = 2 Reactivity = 0 Chre hazards Results of PBT and vPVB assessment PBT: Not applicable.		
Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 1 Health = 3 Fire = 2 REACTIVIT 1 Health = 3 Fire = 2 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HIS-ratings (scale 0 - 4) HEALTH 3 Health = 3 FIRE 2 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 3 Health = 3 FIRE 2 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 3 Health = 3 FIRE 2 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 3 Health = 3 FIRE 2 Fire = 2 REACTIVITY 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HeALTH 3 Health = 3 FIRE 2 REACTIVITY 0 Cher hazards Results of PBT and vPyB assessment PBT: Not applicable.		
IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 3 Health = 3 FIRE 2 Reactivity = 0 Chren hazards Results of PBT and vPvB assessment PBT: Not applicable.		
Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH $\[3]$ Health = 3 Fire $\[2]$ REACTIVITO Cher hazards Results of PBT and vPvB assessment PBT: Not applicable.		
Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 3 FIRE 2 Reactivity 0 HEALTH 7 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 3 FIRE 2 REACTIVITY 0 Cother hazards Results of PBT and vPvB assessment PBT: Not applicable.		
Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale $0 - 4$) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale $0 - 4$) HEALTH 3 FIRE 2 REACTIVITY 0 Health = 3 Fire = 2 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) 4 4 4 4 4 4 4 4		
Dispose of contents/container in accordance with local/regional/national/international regulations. Classification system: NFPA ratings (scale 0 - 4) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 3 FIRE 2 REACTIVITY 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
Classification system: NFPA ratings (scale $0 - 4$) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale $0 - 4$) HEALTH 3 FIRE 2 REACTIVITY 0 Coher hazards Results of PBT and vPvB assessment PBT: Not applicable.		
NFPA ratings (scale $0 - 4$) Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale $0 - 4$) HEALTH 3 Health = 3 FIRE 2 REACTIVITY 0 Neactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		<i>S</i> .
Health = 1 Fire = 3 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH $\stackrel{\circ}{3}$ FIRE $\stackrel{\circ}{2}$ REACTIVITY $\stackrel{\circ}{0}$ Health = 3 Fire = 2 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
Fire = 3 Reactivity = 0 HMIS-ratings (scale $0 - 4$) HEALTH 3 Health = 3 FIRE 2 REACTIVITY 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.	(NFPA ratings (scale 0 - 4)	
Fire = 3 Reactivity = 0 HMIS-ratings (scale $0 - 4$) HEALTH 3 Health = 3 FIRE 2 REACTIVITY 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.	Health = 1	
1 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) HEALTH 3 Health = 3 FIRE 2 Fire = 2 REACTIVITY 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 8		
HMIS-ratings (scale 0 - 4) HEALTH 3 Health = 3 FIRE 2 Fire = 2 REACTIVITY 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
HEALTH 3 FIRE 2 Fire 2 REACTIVITY 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
FIRE 2 FIRE 2 FIRE 2 Fire = 2 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.	HMIS-ratings (scale 0 - 4)	
FIRE 2 Fire = 2 REACTIVITY 0 Reactivity = 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.	HEALTH 3 $U_{\rm rel} k = 2$	
REACTIVITY Reactivity 0 Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
Other hazards Results of PBT and vPvB assessment PBT: Not applicable.		
Results of PBT and vPvB assessment PBT: Not applicable.	REACTIVITY $\begin{bmatrix} 0 \end{bmatrix}$ Reactivity = 0	
Results of PBT and vPvB assessment PBT: Not applicable.	Other hazards	
PBT: Not applicable.	-	
	••••••••••••••••••••••••••••••••••••••	

· Chemical characterization: Mixtures

• Description: Mixture of the substances listed below with nonhazardous additions.

(Contd. on page 3)

US

Printing date 08/15/2024

Reviewed on 08/15/2024

Trade name: Pyridine : Water 3:1

	(Contd. of page 2)
· Dangerous components:	
CAS: 110-86-1 Pyridine	74.656%
· Table of Nonhazardous Ingredients	
CAS: 7732-18-5 Water	25.344%

4 First-aid measures

· Description of first aid measures

- General information:
- Immediately remove any clothing soiled by the product.
- Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- After inhalation:
- Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately rinse with water.
- After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: Immediately call a doctor.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

5 Fire-fighting measures

- · Extinguishing media
- Suitable extinguishing agents:
- CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture No further relevant information available.
- · Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

- *Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.*
- *Environmental precautions: Dilute with plenty of water.*
- Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.
- **Reference to other sections** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

(Contd. on page 4)

US

Printing date 08/15/2024

Reviewed on 08/15/2024

Trade name: Pyridine : Water 3:1

• Protective Action Criteria for Chemicals	(Contd. of page 3)
· PAC-1:	
CAS: 110-86-1 Pyridine	3 ppm
· PAC-2:	
CAS: 110-86-1 Pyridine	19 ppm
• PAC-3:	
CAS: 110-86-1 Pyridine	3600* ppm

7 Handling and storage

· Handling:

- Precautions for safe handling Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Prevent formation of aerosols.
- Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Keep respiratory protective device available.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.
- \cdot Further information about storage conditions:
- Keep receptacle tightly sealed.
- Store in cool, dry conditions in well sealed receptacles.
- Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

• Additional information about design of technical systems: No further data; see section 7.

· Control parameters

• Components with limit values that require monitoring at the workplace:

CAS: 110-86-1 Pyridine

- PEL Long-term value: 15 mg/m³, 5 ppm
- REL Long-term value: 15 mg/m³, 5 ppm

TLV Long-term value: 1 ppm

A3

• *Additional information:* The lists that were valid during the creation were used as basis.

· Exposure controls

• Personal protective equipment:

• General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately. Avoid contact with the eyes and skin.

(Contd. on page 5)

⁻ US

Printing date 08/15/2024

Reviewed on 08/15/2024

Trade name: Pyridine : Water 3:1

(Contd. of page 4)

• Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

• Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation · *Material of gloves*

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• Eye protection:



Tightly sealed goggles

· Body protection: Protective work clothing

Information on basic physical and	chemical properties
General Information Appearance:	
Form:	Liquid
Color:	Clear
Odor:	Pyridine
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100 °C (212 °F)
Flash point:	17 °C (62.6 °F)
Flammability (solid, gaseous):	Highly flammable.
Auto igniting:	550 °C (1,022 °F)
Decomposition temperature:	Not determined.
Ignition temperature:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapo mixtures are possible.

Printing date 08/15/2024

Reviewed on 08/15/2024

Trade name: Pyridine : Water

3:1

		(Contd. of page
· Explosion limits:		
Lower:	1.7 Vol %	
Upper:	10.6 Vol %	
· Vapor pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)	
• Density at 20 °C (68 °F):	0.98643 g/cm³ (8.23176 lbs/gal)	
· Relative density	Not determined.	
· Vapor density	Not determined.	
· Evaporation rate	Not determined.	
· Solubility in / Miscibility with		
Water:	Fully miscible.	
· Partition coefficient (n-octanol/wate	er): Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Water:	25.3 %	
VOC content:	0.00 %	
	0.0 g/l / 0.00 lb/gal	
Solids content:	0.0 %	
• Other information	No further relevant information available.	

10 Stability and reactivity

· Reactivity No further relevant information available.

· Chemical stability

• Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· Possibility of hazardous reactions No dangerous reactions known.

 \cdot Conditions to avoid No further relevant information available.

 $\cdot \textit{Incompatible materials: } No further relevant information available.$

· Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

· Information on toxicological effects

• Acute toxicity:

· LD/LC50 values that are relevant for classification:

ATE (Acute	Toxicity	Estimate)
------------	----------	-----------

Oral	LD50	670 mg/kg
	LD50	1,473 mg/kg
Inhalative	LC50/4h	14.7 mg/l

• Primary irritant effect:

• on the skin: No irritant effect.

• on the eye: No irritating effect.

• Sensitization: No sensitizing effects known.

(Contd. on page 7)

[–] ÚS

Printing date 08/15/2024

Reviewed on 08/15/2024

Trade name: Pyridine : Water

3:1

(Contd. of page 6)

2B

• Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Harmful

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

CAS: 110-86-1 Pyridine

· NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

· Toxicity

- Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- *Mobility in soil* No further relevant information available.
- Additional ecological information:
- · General notes:
- Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- **vPvB:** Not applicable.
- Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

UN-Number		
DOT, IMDG, IATA	UN1993	
UN proper shipping name		
DOT	Flammable liquids, n.o.s. (Pyridine)	
IMDG, IATA	FLAMMABLE LIQUID, N.O.S. (Pyridine)	

Printing date 08/15/2024

Reviewed on 08/15/2024

Trade name: Pyridine : Water 3:1

	(Contd. of page 7
· Transport hazard class(es)	
·DOT	
RUMMARE LOUD	
· Class · Label	3 Flammable liquids 3
· IMDG, IATA	
· Class · Label	3 Flammable liquids 3
· Packing group · DOT, IMDG, IATA	II
· Environmental hazards: · Marine pollutant:	No
 Special precautions for user Hazard identification number (Kemler code): EMS Number: Stowage Category 	Warning: Flammable liquids 33 F-E, <u>S-E</u> B
• Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
• Transport/Additional information:	
• DOT • Quantity limitations	On passenger aircraft/rail: 5 L
	On cargo aircraft only: 60 L
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1993 FLAMMABLE LIQUID, N.O.S. (PYRIDINE), 3, II

15 Regulatory information

• Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

(Contd. on page 9)

US

Printing date 08/15/2024

Reviewed on 08/15/2024

Trade name: Pyridine : Water 3:1

(Contd. of page
ACTIVI
ACTIVI

None of the ingredients is listed. • TLV (Threshold Limit Value)

CAS: 110-86-1 Pyridine

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

• *GHS label elements* The product is classified and labeled according to the Globally Harmonized System (GHS). • *Hazard pictograms*



· Signal word Danger

• *Hazard-determining components of labeling: Pyridine*

Hazard statements
Hazard statements
Highly flammable liquid and vapor.
Harmful if swallowed, in contact with skin or if inhaled.
Suspected of causing cancer.
Precautionary statements

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

(Contd. on page 10)

AЗ

US

(Contd. of page 9)

Safety Data Sheet acc. to OSHA HCS

Printing date 08/15/2024

Reviewed on 08/15/2024

Trade name: Pyridine : Water

Acute Toxicity - Oral 4: Acute toxicity – Category 4 Carcinogenicity 2: Carcinogenicity – Category 2

• * Data compared to the previous version altered.

Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. · Chemical safety assessment: A Chemical Safety Assessment has not been carried out. 16 Other information This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. · Department issuing SDS: Environment protection department. · Contact: *Date of Preparation / Last Revision:* · Date of preparation / last revision Revision 1.2, 08-15-2024: Reviewed SDS for accuracy. STN/GW Revision 0.0. 08-04-2016: creation date for SDS. STN 08/15/2024 / 1.1 · Abbreviations and acronyms: IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit Flammable Liquids 2: Flammable liquids – Category 2