

# Stain Pack Rinse

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)  
Issue date: 3/4/2026 Version: 1.0

### SECTION 1 Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : Stain Pack Rinse  
Product code : 1001C

#### 1.2. Other means of identification

Synonyms : Rinse Solution (Stain Packs), 1l

#### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : in vitro diagnostics (IVD)  
Restrictions on use : Not for food, drug or household use

#### 1.4. Supplier's details

Ethos Biosciences, Inc.  
2070 Center Square Road  
Logan Township, New Jersey 08085  
United States  
T +1-856-224-0900; +1-800-441-0366 Technical Service; Monday-Friday: 8:00 AM-5:00 PM, Eastern US Time  
[www.ethosbiosciences.com](http://www.ethosbiosciences.com)

#### 1.5. Emergency phone number

Emergency number : 800-424-9300 CHEMTREC (USA) -- 24 Hours/Day, 7 Days/Week

### SECTION 2 Hazard Identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

|                                                              |      |                                    |
|--------------------------------------------------------------|------|------------------------------------|
| Flammable liquid, Category 2                                 | H225 | Highly flammable liquid and vapor. |
| Acute toxicity (inhalation:dust,mist), Category 4            | H332 | Harmful if inhaled.                |
| Specific target organ toxicity — Single exposure, Category 1 | H370 | Causes damage to organs.           |
| Full text of H statements : see section 16                   |      |                                    |

#### 2.2. Label elements

##### GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Danger

Hazard statements (GHS US)

: H225 - Highly flammable liquid and vapor  
H332 - Harmful if inhaled  
H370 - Causes damage to organs.

Precautionary statements (GHS US)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/Bond container and receiving equipment.  
P242 - Use non-sparking tools.  
P243 - Take action to prevent static discharges.

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P260 - Do not breathe gas, vapors, fume, mist, spray.  
P264 - Wash forearms, hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective clothing, eye and face protection, protective gloves.  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P308+P311 - If exposed or concerned: Call a doctor.  
P312 - Call a POISON CENTER if you feel unwell.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P370+P378 - In case of fire: Use ABC-powder to extinguish.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

### 2.4. Hazards not otherwise classified

No additional information available

### 2.5. Unknown acute toxicity

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                               | Product identifier | Conc. | GHS US classification                                                                                                                              |
|------------------------------------|--------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| water                              | CAS-No.: 7732-18-5 | > 90  | Not classified                                                                                                                                     |
| methanol                           | CAS-No.: 67-56-1   | ≈ 10  | Flam. Liq. 2, H225<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 3 (Inhalation), H331<br>Acute Tox. 3 (Inhalation:dust,mist), H331<br>STOT SE 1, H370 |
| potassium dihydrogenorthophosphate | CAS-No.: 7778-77-0 | < 1   | Not classified                                                                                                                                     |
| DISODIUM PHOSPHATE                 | CAS-No.: 7558-79-4 | < 1   | Not classified                                                                                                                                     |
| polyoxyethylene(23)lauryl ether    | CAS-No.: 9002-92-0 | < 1   | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319                                                                                                    |

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

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### SECTION 4 First aid measures

#### 4.1. Description of necessary first-aid measures

|                                               |                                                                                                                            |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general                    | : IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor/physician if you feel unwell.         |
| First-aid measures after inhalation           | : Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell. |
| First-aid measures after skin contact         | : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.                                     |
| First-aid measures after eye contact          | : Rinse eyes with water as a precaution.                                                                                   |
| First-aid measures after ingestion            | : Call a poison center/doctor/physician if you feel unwell.                                                                |
| Personal protection for first-aid responders. | : First aid workers will be equipped with suitable personal protective equipment.                                          |

#### 4.2. Most important symptoms/effects, acute and delayed

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation   | : Harmful if inhaled.           |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : None under normal conditions. |
| Symptoms/effects after ingestion    | : None under normal conditions. |

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

|                                   |                          |
|-----------------------------------|--------------------------|
| Other medical advice or treatment | : Treat symptomatically. |
|-----------------------------------|--------------------------|

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

#### 5.2. Specific hazards arising from the chemical

|                                                  |                                      |
|--------------------------------------------------|--------------------------------------|
| Fire hazard                                      | : Highly flammable liquid and vapor. |
| Explosion hazard                                 | : No direct explosion hazard.        |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.       |

#### 5.3. Special protective equipment and precautions for fire-fighters

|                                |                                                                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

### SECTION 6 Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

|                  |                                                                                                                                         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| General measures | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage. |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|

##### For non-emergency personnel

|                      |                                                                                                                       |
|----------------------|-----------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Wear recommended personal protective equipment.                                                                     |
| Emergency procedures | : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapors/spray. |

##### For emergency responders

|                      |                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
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|                           |                                                               |
|---------------------------|---------------------------------------------------------------|
| Emergency procedures      | : Evacuate unnecessary personnel. Stop leak if safe to do so. |
| Environmental precautions | : Avoid release to the environment.                           |

### 6.2. Methods and materials for containment and cleaning up

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For containment         | : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk. |
| Methods for cleaning up | : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.                                                                         |
| Other information       | : Dispose of materials or solid residues at an authorized site.                                                                                                                       |

For further information refer to section 13.

## SECTION 7 Handling and storage

### 7.1. Precautions for safe handling

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling     | : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. |
| Hygiene measures                  | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.                                                                                                                                                                                                                                                                                                                                                     |
| Additional hazards when processed | : Not expected to present a significant hazard under anticipated conditions of normal use.                                                                                                                                                                                                                                                                                                                                                              |

### 7.2. Conditions for safe storage, including incompatibilities

|                     |                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------|
| Technical measures  | : Ground/bond container and receiving equipment.                                               |
| Storage conditions  | : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. |
| Packaging materials | : Always store product in container of same material as original container.                    |

## SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

| methanol (67-56-1)                         |                                                                                              |
|--------------------------------------------|----------------------------------------------------------------------------------------------|
| USA - ACGIH® - Threshold Limit Values      |                                                                                              |
| Local name                                 | Methanol                                                                                     |
| ACGIH® TLV® TWA                            | 200 ppm                                                                                      |
| ACGIH® TLV® STEL                           | 250 ppm                                                                                      |
| Remark (ACGIH®)                            | TLV® Basis: Headache; eye dam; dizziness; nausea. Notations: Skin; BEI                       |
| Regulatory reference                       | ACGIH 2024                                                                                   |
| USA - ACGIH® - Biological Exposure Indices |                                                                                              |
| Local name                                 | Methanol                                                                                     |
| BEI                                        | 15 mg/l Parameter: Methanol - Medium: urine - Sampling time: End of shift - Notations: B, Ns |
| Regulatory reference                       | ACGIH 2024                                                                                   |
| USA - OSHA - Occupational Exposure Limits  |                                                                                              |
| Local name                                 | Methyl alcohol                                                                               |

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### methanol (67-56-1)

|                                |                          |
|--------------------------------|--------------------------|
| OSHA PEL TWA                   | 260 mg/m <sup>3</sup>    |
|                                | 200 ppm                  |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |

### 8.2. Appropriate engineering controls

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Appropriate engineering controls | : Ensure good ventilation of the work station. |
| Environmental exposure controls  | : Avoid release to the environment.            |

### 8.3. Individual protection measures, such as personal protective equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

#### Personal protective equipment symbol(s):



## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

|                                                 |                                                                                                                                                                                             |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Physical state                                  | : Liquid                                                                                                                                                                                    |
| Color                                           | : No data available                                                                                                                                                                         |
| Odor                                            | : No data available                                                                                                                                                                         |
| Odor threshold                                  | : No data available                                                                                                                                                                         |
| pH                                              | : No data available                                                                                                                                                                         |
| Melting point                                   | : Not applicable                                                                                                                                                                            |
| Freezing point                                  | : No data available                                                                                                                                                                         |
| Boiling point                                   | : No data available                                                                                                                                                                         |
| Flash point                                     | : No data available                                                                                                                                                                         |
| Flammability (solid, gas)                       | : Not applicable.                                                                                                                                                                           |
| Vapor pressure                                  | : No data available                                                                                                                                                                         |
| Relative vapor density at 20°C                  | : No data available                                                                                                                                                                         |
| Relative density                                | : No data available                                                                                                                                                                         |
| Solubility                                      | : Water: Solubility in water of component(s) of the mixture :<br>• methanol: ≥ 100 g/100ml • potassium dihydrogenorthophosphate: 21 g/100ml •<br>polyoxyethylene(23)lauryl ether: 4 g/100ml |
| Partition coefficient n-octanol/water (Log Pow) | : No data available                                                                                                                                                                         |
| Auto-ignition temperature                       | : No data available                                                                                                                                                                         |

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|                           |                     |
|---------------------------|---------------------|
| Decomposition temperature | : No data available |
| Viscosity, kinematic      | : No data available |
| Explosion limits          | : No data available |
| Particle characteristics  | : No data available |

| methanol                  |                                                             |
|---------------------------|-------------------------------------------------------------|
| Boiling point             | 65 °C (1013 hPa)                                            |
| Flash point               | 10 °C (Closed cup, 1013 hPa, EU Method A.9: Flash-Point)    |
| Auto-ignition temperature | 455 °C (1013 hPa, DIN 51794: Self-ignition temperature, T1) |
| Vapor pressure            | 128 hPa (20 °C)                                             |
| Vapor pressure at 50°C    | 552 hPa                                                     |

| potassium dihydrogenorthophosphate |                                                    |
|------------------------------------|----------------------------------------------------|
| Boiling point                      | > 450 °C (1013 hPa, EU Method A.2: Boiling point)  |
| Flash point                        | Not applicable (solid)                             |
| Auto-ignition temperature          | Not applicable                                     |
| Vapor pressure                     | < 0.01 hPa (25 °C, EU Method A.4: Vapour Pressure) |

| polyoxyethylene(23)lauryl ether |                                                |
|---------------------------------|------------------------------------------------|
| Boiling point                   | > 100 °C                                       |
| Flash point                     | 138 °C (995 hPa)                               |
| Vapor pressure                  | 0.0000235 hPa (25 °C, MPBPWin v1.43, EpiSuite) |

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

Highly flammable liquid and vapor.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

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

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### SECTION 11 Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Inhalation:dust,mist: Harmful if inhaled.

|                                                       |                                                                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stain Pack Rinse</b>                               |                                                                                                                                      |
| ATE US (dust, mist)                                   | 5 mg/l/4h                                                                                                                            |
| <b>methanol (67-56-1)</b>                             |                                                                                                                                      |
| LD50 oral rat                                         | 1187 – 2769 mg/kg body weight (BASF test, Rat, Male / female, Experimental value, 15-35 % aqueous solution, Oral, 7 day(s))          |
| LD50 dermal rabbit                                    | 17100 mg/kg (Rabbit, Inconclusive, insufficient data, Dermal)                                                                        |
| LC50 Inhalation - Rat                                 | 128.2 mg/l air (BASF test, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))                             |
| ATE US (oral)                                         | 1187 mg/kg body weight                                                                                                               |
| ATE US (dermal)                                       | 17100 mg/kg body weight                                                                                                              |
| ATE US (gases)                                        | 700 ppmV/4h                                                                                                                          |
| ATE US (vapors)                                       | 3 mg/l/4h                                                                                                                            |
| ATE US (dust, mist)                                   | 0.5 mg/l/4h                                                                                                                          |
| <b>potassium dihydrogenorthophosphate (7778-77-0)</b> |                                                                                                                                      |
| LD50 dermal rat                                       | > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))          |
| LC50 Inhalation - Rat                                 | > 0.83 mg/l air (EPA OPP 81-3: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (dust), 14 day(s)) |
| <b>polyoxyethylene(23)lauryl ether (9002-92-0)</b>    |                                                                                                                                      |
| LD50 oral rat                                         | 1000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s))  |
| LD50 dermal rat                                       | > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Skin, 14 day(s))            |
| ATE US (oral)                                         | 1000 mg/kg body weight                                                                                                               |
| Skin corrosion/irritation                             | : Not classified                                                                                                                     |
| <b>methanol (67-56-1)</b>                             |                                                                                                                                      |
| pH                                                    | No data available in the literature                                                                                                  |
| <b>potassium dihydrogenorthophosphate (7778-77-0)</b> |                                                                                                                                      |
| pH                                                    | 4.5 (1 %)                                                                                                                            |
| Serious eye damage/irritation                         | : Not classified                                                                                                                     |
| <b>methanol (67-56-1)</b>                             |                                                                                                                                      |
| pH                                                    | No data available in the literature                                                                                                  |
| <b>potassium dihydrogenorthophosphate (7778-77-0)</b> |                                                                                                                                      |
| pH                                                    | 4.5 (1 %)                                                                                                                            |
| Respiratory or skin sensitization                     | : Not classified                                                                                                                     |

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|                        |                            |
|------------------------|----------------------------|
| Germ cell mutagenicity | : Not classified           |
| Carcinogenicity        | : Not classified           |
| Reproductive toxicity  | : Not classified           |
| STOT-single exposure   | : Causes damage to organs. |

### methanol (67-56-1)

|                      |                          |
|----------------------|--------------------------|
| STOT-single exposure | Causes damage to organs. |
|----------------------|--------------------------|

|                        |                  |
|------------------------|------------------|
| STOT-repeated exposure | : Not classified |
| Aspiration hazard      | : Not classified |

### methanol (67-56-1)

|                      |                    |
|----------------------|--------------------|
| Viscosity, kinematic | 0.68 – 0.747 mm²/s |
|----------------------|--------------------|

### potassium dihydrogenorthophosphate (7778-77-0)

|                      |                        |
|----------------------|------------------------|
| Viscosity, kinematic | Not applicable (solid) |
|----------------------|------------------------|

### polyoxyethylene(23)lauryl ether (9002-92-0)

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Viscosity, kinematic | 102.159 mm²/s (20 °C, OECD 114: Viscosity of Liquids) |
|----------------------|-------------------------------------------------------|

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation   | : Harmful if inhaled.           |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : None under normal conditions. |
| Symptoms/effects after ingestion    | : None under normal conditions. |

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

|                                                           |                                                                                                                        |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Ecology - general                                         | : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                                                                                       |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified                                                                                                       |

### methanol (67-56-1)

|                      |                                                                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 15400 mg/l (EPA 660/3 - 75/009, 96 h, Lepomis macrochirus, Flow-through system, Fresh water, Experimental value, Lethal)                                 |
| EC50 - Crustacea [1] | 18260 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 96 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, Locomotor effect) |
| EC50 96h - Algae [1] | 22000 mg/l (OECD 201: Alga, Growth Inhibition Test, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Growth rate)        |
| NOEC (chronic)       | 208 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                                        |
| NOEC chronic fish    | 446.7 mg/l Test organisms (species): Pimephales promelas Duration: '28 d'                                                                                |

### potassium dihydrogenorthophosphate (7778-77-0)

|                      |                                                                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | > 100 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, Nominal concentration) |
| EC50 - Crustacea [1] | > 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)     |
| ErC50 algae          | > 100 mg/l (EU Method C.3, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)                        |

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| polyoxyethylene(23)lauryl ether (9002-92-0) |                                                                                                                                                          |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]                             | 2.427 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, Lethal)                         |
| EC50 - Crustacea [1]                        | 9.131 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Nominal concentration) |
| ErC50 algae                                 | 0.237 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value)                       |

### 12.2. Persistence and degradability

| Stain Pack Rinse                               |                                                                    |
|------------------------------------------------|--------------------------------------------------------------------|
| Persistence and degradability                  | Not rapidly degradable                                             |
| methanol (67-56-1)                             |                                                                    |
| Persistence and degradability                  | Readily biodegradable in the soil, Readily biodegradable in water. |
| Biochemical oxygen demand (BOD)                | 0.6 – 1.12 g O <sub>2</sub> /g substance                           |
| Chemical oxygen demand (COD)                   | 1.42 g O <sub>2</sub> /g substance                                 |
| ThOD                                           | 1.5 g O <sub>2</sub> /g substance                                  |
| water (7732-18-5)                              |                                                                    |
| Persistence and degradability                  | Not rapidly degradable                                             |
| potassium dihydrogenorthophosphate (7778-77-0) |                                                                    |
| Persistence and degradability                  | Biodegradability: not applicable.                                  |
| Chemical oxygen demand (COD)                   | Not applicable (inorganic)                                         |
| ThOD                                           | Not applicable (inorganic)                                         |
| DISODIUM PHOSPHATE (7558-79-4)                 |                                                                    |
| Persistence and degradability                  | Not rapidly degradable                                             |
| polyoxyethylene(23)lauryl ether (9002-92-0)    |                                                                    |
| Persistence and degradability                  | Readily biodegradable in water.                                    |

### 12.3. Bioaccumulative potential

| methanol (67-56-1)                              |                                                                                                  |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------|
| BCF - Fish [1]                                  | 1 – 4.5 (72 h, Cyprinus carpio, Static system, Fresh water, Experimental value)                  |
| Partition coefficient n-octanol/water (Log Pow) | -0.77 (Experimental value)                                                                       |
| Bioaccumulative potential                       | Low potential for bioaccumulation (BCF < 500).                                                   |
| potassium dihydrogenorthophosphate (7778-77-0)  |                                                                                                  |
| Bioaccumulative potential                       | Not bioaccumulative.                                                                             |
| polyoxyethylene(23)lauryl ether (9002-92-0)     |                                                                                                  |
| BCF - Fish [1]                                  | 81 l/kg (Pisces, Fresh water, Literature study, Fresh weight)                                    |
| Partition coefficient n-octanol/water (Log Pow) | 2.26 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C) |
| Bioaccumulative potential                       | Low potential for bioaccumulation (Log Kow < 4).                                                 |

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### 12.4. Mobility in soil

#### methanol (67-56-1)

|                                                            |                                           |
|------------------------------------------------------------|-------------------------------------------|
| Mobility in soil                                           | 2.75 Source: HSDB                         |
| Surface tension                                            | No data available in the literature       |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | -0.89 – -0.21 (log Koc, Calculated value) |
| Ecology - soil                                             | Highly mobile in soil.                    |

#### potassium dihydrogenorthophosphate (7778-77-0)

|                 |                                                       |
|-----------------|-------------------------------------------------------|
| Surface tension | No data available in the literature                   |
| Ecology - soil  | No (test)data on mobility of the substance available. |

#### polyoxyethylene(23)lauryl ether (9002-92-0)

|                                                            |                                                                                                                                                                                |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 1.643 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value) |
| Ecology - soil                                             | Highly mobile in soil.                                                                                                                                                         |

### 12.5. Other adverse effects

|                              |                  |
|------------------------------|------------------|
| Ozone                        | : Not classified |
| Fluorinated greenhouse gases | : No             |

## SECTION 13 Disposal considerations

|                                            |                                                                                                                                                                                                                                         |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                                                                                                                                                              |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.                                                                                                                                           |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                                                                                                                                                              |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                                                                                                                                                              |
| Additional information                     | : Flammable vapors may accumulate in the container. Do not re-use empty containers.                                                                                                                                                     |
| Ecological waste information               | : The waste of the product should be considered as hazardous as the product itself, with the likelihood of impacting the environment in the same way. Consider the handling and disposal of the waste as defined by the product itself. |

## SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

### 14.1. UN number

Not regulated for transport

### 14.2. UN Proper Shipping Name

|                             |                 |
|-----------------------------|-----------------|
| Proper Shipping Name (DOT)  | : Not regulated |
| Proper Shipping Name (TDG)  | : Not regulated |
| Proper Shipping Name (IMDG) | : Not regulated |
| Proper Shipping Name (IATA) | : Not regulated |

### 14.3. Transport hazard class(es)

|                                  |                 |
|----------------------------------|-----------------|
| <b>DOT</b>                       |                 |
| Transport hazard class(es) (DOT) | : Not regulated |

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**TDG**  
Transport hazard class(es) (TDG) : Not regulated

**IMDG**  
Transport hazard class(es) (IMDG) : Not regulated

**IATA**  
Transport hazard class(es) (IATA) : Not regulated

### 14.4. Packing group

Packing group (DOT) : Not regulated  
Packing group (TDG) : Not regulated  
Packing group (IMDG) : Not regulated  
Packing group (IATA) : Not regulated

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Transport in bulk

Not applicable

### 14.7. Special precautions for user

**DOT**  
Not regulated

**TDG**  
Not regulated

**IMDG**  
Not regulated

**IATA**  
Not regulated

## SECTION 15 Regulatory information

### 15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

|                                                                                                                                                                       |                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|
| Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. |                 |       |
| methanol                                                                                                                                                              | CAS-No. 67-56-1 | ≈ 10% |

|                                              |         |
|----------------------------------------------|---------|
| methanol (67-56-1)                           |         |
| Listed on EPA Hazardous Air Pollutant (HAPS) |         |
| CERCLA RQ                                    | 5000 lb |

|                                |         |
|--------------------------------|---------|
| DISODIUM PHOSPHATE (7558-79-4) |         |
| CERCLA RQ                      | 5000 lb |

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### 15.2. International regulations

#### CANADA

|                                                       |
|-------------------------------------------------------|
| <b>methanol (67-56-1)</b>                             |
| Listed on the Canadian DSL (Domestic Substances List) |
| <b>water (7732-18-5)</b>                              |
| Listed on the Canadian DSL (Domestic Substances List) |
| <b>potassium dihydrogenorthophosphate (7778-77-0)</b> |
| Listed on the Canadian DSL (Domestic Substances List) |
| <b>DISODIUM PHOSPHATE (7558-79-4)</b>                 |
| Listed on the Canadian DSL (Domestic Substances List) |
| <b>polyoxyethylene(23)lauryl ether (9002-92-0)</b>    |
| Listed on the Canadian DSL (Domestic Substances List) |

#### EU-Regulations

No additional information available

#### National regulations

|                                                                    |
|--------------------------------------------------------------------|
| <b>methanol (67-56-1)</b>                                          |
| Listed on INSQ (Mexican National Inventory of Chemical Substances) |
| <b>water (7732-18-5)</b>                                           |
| Listed on INSQ (Mexican National Inventory of Chemical Substances) |
| <b>potassium dihydrogenorthophosphate (7778-77-0)</b>              |
| Listed on INSQ (Mexican National Inventory of Chemical Substances) |
| <b>DISODIUM PHOSPHATE (7558-79-4)</b>                              |
| Listed on INSQ (Mexican National Inventory of Chemical Substances) |
| <b>polyoxyethylene(23)lauryl ether (9002-92-0)</b>                 |
| Listed on INSQ (Mexican National Inventory of Chemical Substances) |

### 15.3. State regulations

 **WARNING:** This product can expose you to Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

| Component         | State or local regulations                                                                            |
|-------------------|-------------------------------------------------------------------------------------------------------|
| methanol(67-56-1) | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List |

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| Component                     | State or local regulations                                                                                                                            |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| DISODIUM PHOSPHATE(7558-79-4) | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |

### SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)

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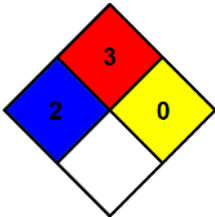
| Full text of hazard classes and H-statements |                                   |
|----------------------------------------------|-----------------------------------|
| H225                                         | Highly flammable liquid and vapor |
| H302                                         | Harmful if swallowed              |
| H319                                         | Causes serious eye irritation     |
| H331                                         | Toxic if inhaled                  |
| H332                                         | Harmful if inhaled                |
| H370                                         | Causes damage to organs.          |

- NFPA health hazard

: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
- NFPA fire hazard

: 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.
- NFPA reactivity

: 0 - Material that in themselves are normally stable, even under fire conditions.



Safety Data Sheet (SDS), USA

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