



PETRA UNIVERSAL COOLING SYSTEM CLEANER 12 FL.OZ.

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations 2017

Version: 1.36

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : PETRA UNIVERSAL COOLING SYSTEM CLEANER 12 FL.OZ.
Product code : 4001

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

Use of the substance/mixture : Radiator Conditioner and Cleaner

1.3. Details of the supplier of the safety data sheet

Petra Oil Company
11085 Regency Green Drive
Cypress, TX 77429
T 713-856-5700

1.4. Emergency telephone number

Emergency number : CHEMTREC 24 Hour 1-800-424-9300, 1-703-527-3887 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin Irrit. 2 H315
Eye Irrit. 2A H319

Full text of H statements : see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) : Warning
Hazard statements (GHS-US) : H315 - Causes skin irritation
H319 - Causes serious eye irritation
Precautionary statements (GHS-US) : P264 - Wash affected areas thoroughly after handling
P280 - Wear protective gloves, protective clothing, eye protection, face protection
P302+P352 - If on skin: Wash with plenty of soap and water
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P321 - Specific treatment: See section 4.1 on SDS
P332+P313 - If skin irritation occurs: Get medical advice/attention
P337+P313 - If eye irritation persists: Get medical advice/attention
P362 - Take off contaminated clothing and wash it before reuse

2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS-US classification |
|---|---------------------|---------|-----------------------|
| Water | (CAS No) 7732-18-5 | 85 - 95 | Not classified |
| Sodium Dihydrogen Orthophosphate, Monohydrate | (CAS No) 10049-21-5 | 1 - 5 | Not classified |

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| Name | Product identifier | % | GHS-US classification |
|--|----------------------|-------------|--|
| Sodium Hydroxide, Conc=50%, Aqueous Solution | (CAS No) 1310-73-2 | 1 - 5 | Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 2, H401 |
| Sodium-2(3H)-Benzothiazolethione, Conc=50%, Aqueous Solution | (CAS No) 2492-26-4 | 0.98 - 1.02 | Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Sens. 1, H317 |
| Sodium Nitrate | (CAS No) 7631-99-4 | < 1 | Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302 |
| Disodium Metasilicate, Pentahydrate | (CAS No) 10213-79-3 | < 1 | Skin Corr. 1C, H314 STOT SE 3, H335 |
| Disodium Tetraborate, Decahydrate | (CAS No) 1303-96-4 | < 1 | Not classified |
| Pluronic L-61 Surfactant | (CAS No) Proprietary | < 1 | Not classified |

The exact percentage is a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.
- First-aid measures after skin contact : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : If you feel unwell, seek medical advice.
- Symptoms/injuries after inhalation : May cause respiratory irritation. May cause an allergic skin reaction.
- Symptoms/injuries after skin contact : Itching. Red skin. Skin rash/inflammation. Causes skin irritation.
- Symptoms/injuries after eye contact : Irritation of the eye tissue. Inflammation/damage of the eye tissue. Redness of the eye tissue. Causes serious eye irritation.
- Symptoms/injuries after ingestion : May be harmful if swallowed and enters airways.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Remove ignition sources.

6.1.1. For non-emergency personnel

- Protective equipment : Gloves. Safety glasses.
- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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6.3. Methods and material for containment and cleaning up

- For containment : Dam up the liquid spill. Plug the leak, cut off the supply. Contain released substance, pump into suitable containers.
- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing dust, fume, gas, mist, vapor spray.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash affected areas thoroughly after handling. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Proper grounding procedures to avoid static electricity should be followed. Comply with applicable regulations.
- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

Follow Label Directions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Disodium Tetraborate, Decahydrate (1303-96-4) | | |
|---|---------------------------------|---|
| USA ACGIH | ACGIH TWA (mg/m ³) | 2 mg/m ³ (Borate compounds, inorganic; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Inhalable fraction) |
| USA ACGIH | ACGIH STEL (mg/m ³) | 6 mg/m ³ (Borate compounds, inorganic; USA; Short time value; TLV - Adopted Value; Inhalable fraction) |

8.2. Exposure controls

- Appropriate engineering controls : Local exhaust ventilation, vent hoods . Ensure good ventilation of the work station.
- Personal protective equipment : Gloves. Safety glasses. Avoid all unnecessary exposure.



- Materials for protective clothing : GIVE EXCELLENT RESISTANCE:
- Hand protection : Wear protective gloves.
- Eye protection : Chemical goggles or safety glasses.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : Wear appropriate mask.
- Environmental exposure controls : Avoid release to the environment.
- Consumer exposure controls : Avoid contact during pregnancy/while nursing.
- Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Liquid.
- Color : Colourless to light yellow.
- Odor : Mild . Characteristic. Bland.
- Odor threshold : No data available
- pH : 10.8 - 11.2

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| | |
|---|---------------------|
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : 100 °C |
| Flash point | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapor pressure | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Relative density | : 1.03 |
| Solubility | : Soluble in water. |
| Log Pow | : No data available |
| Log Kow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| Explosion limits | : No data available |

9.2. Other information

VOC content : < 1 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Toxic fume. . Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

| Sodium-2(3H)-Benzothiazolethione, Conc=50%, Aqueous Solution (2492-26-4) | |
|--|---|
| LD50 oral rat | 5200 mg/kg |
| LD50 dermal rabbit | 5010 mg/kg |
| Disodium Tetraborate, Decahydrate (1303-96-4) | |
| LD50 oral rat | 2660 mg/kg (Rat) |
| LD50 dermal rabbit | > 2000 mg/kg (Rabbit) |
| Sodium Nitrate (7631-99-4) | |
| LD50 oral rat | 1270 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value; 3430 mg/kg bodyweight; Rat) |
| LD50 dermal rat | > 5000 mg/kg body weight (Rat; Read-across; OECD 402: Acute Dermal Toxicity) |
| Sodium Dihydrogen Orthophosphate, Monohydrate (10049-21-5) | |
| LD50 oral rat | 8290 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |
| Skin corrosion/irritation | : Causes skin irritation. pH: 10.8 - 11.2 |

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| | |
|---|--|
| Serious eye damage/irritation | : Causes serious eye irritation. pH: 10.8 - 11.2 |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity – single exposure | : Not classified |
| Specific target organ toxicity – repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Potential Adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |
| Symptoms/injuries after inhalation | : May cause respiratory irritation. May cause an allergic skin reaction. |
| Symptoms/injuries after skin contact | : Itching. Red skin. Skin rash/inflammation. Causes skin irritation. |
| Symptoms/injuries after eye contact | : Irritation of the eye tissue. Inflammation/damage of the eye tissue. Redness of the eye tissue. Causes serious eye irritation. |
| Symptoms/injuries after ingestion | : May be harmful if swallowed and enters airways. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|--|
| Disodium Metasilicate, Pentahydrate (10213-79-3) | |
| LC50 fish 1 | 210 mg/l (LC50; 96 h) |
| EC50 Daphnia 1 | 216 mg/l (EC50; 96 h) |
| Disodium Tetraborate, Decahydrate (1303-96-4) | |
| LC50 fish 1 | 100 - 1000 mg/l (LC50; 96 h) |
| EC50 Daphnia 1 | 141 mg/l (EC50; 48 h) |
| LC50 fish 2 | 1900 mg/l (LC50) |
| Threshold limit algae 1 | 158 mg/l (EC50; 96 h) |
| Sodium Nitrate (7631-99-4) | |
| EC50 other aquatic organisms 1 | > 1700 mg/l (10 days; Algae; EC50; Other) |
| LC50 fish 2 | 4650 mg/l (LC50; Other; 96 h; Salmo gairdneri; Static system; Fresh water; Experimental value) |
| EC50 Daphnia 2 | 7240 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 24 h; Daphnia magna; Static system; Fresh water; Experimental value) |
| Sodium Dihydrogen Orthophosphate, Monohydrate (10049-21-5) | |
| LC50 fish 1 | > 2400 mg/l (LC50; 48 h) |
| EC50 Daphnia 1 | 126 ppm (TLm; 72 h) |

12.2. Persistence and degradability

| | |
|---|--|
| PETRA UNIVERSAL COOLING SYSTEM CLEANER 12 FL.OZ. | |
| Persistence and degradability | Not established. |
| Water (7732-18-5) | |
| Persistence and degradability | Not established. |
| Pluronic L-61 Surfactant (Proprietary) | |
| Persistence and degradability | Biodegradability in water: no data available. |
| Sodium-2(3H)-Benzothiazolethione, Conc=50%, Aqueous Solution (2492-26-4) | |
| Persistence and degradability | No (test)data on mobility of the components available. |
| Disodium Metasilicate, Pentahydrate (10213-79-3) | |
| Persistence and degradability | Biodegradability: not applicable. |
| Biochemical oxygen demand (BOD) | Not applicable |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |
| Disodium Tetraborate, Decahydrate (1303-96-4) | |
| Persistence and degradability | Biodegradability: not applicable. Biodegradability in soil: not applicable. Adsorbs into the soil. |
| Biochemical oxygen demand (BOD) | Not applicable |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |

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| Sodium Nitrate (7631-99-4) | |
|-----------------------------------|---|
| Persistence and degradability | Biodegradability: not applicable. No (test)data on mobility of the substance available. |
| Biochemical oxygen demand (BOD) | Not applicable |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |

| Sodium Dihydrogen Orthophosphate, Monohydrate (10049-21-5) | |
|---|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |
| Biochemical oxygen demand (BOD) | Not applicable |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |

12.3. Bioaccumulative potential

| PETRA UNIVERSAL COOLING SYSTEM CLEANER 12 FL.OZ. | |
|---|------------------|
| Bioaccumulative potential | Not established. |

| Water (7732-18-5) | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |

| Pluronic L-61 Surfactant (Proprietary) | |
|---|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |

| Sodium-2(3H)-Benzothiazolethione, Conc=50%, Aqueous Solution (2492-26-4) | |
|---|----------------------------------|
| Log Pow | -0.46 |
| Bioaccumulative potential | Bioaccumulation: not applicable. |

| Disodium Metasilicate, Pentahydrate (10213-79-3) | |
|---|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |

| Disodium Tetraborate, Decahydrate (1303-96-4) | |
|--|----------------------|
| Bioaccumulative potential | Not bioaccumulative. |

| Sodium Nitrate (7631-99-4) | |
|-----------------------------------|----------------------------------|
| Log Pow | -3.8 |
| Bioaccumulative potential | Bioaccumulation: not applicable. |

| Sodium Dihydrogen Orthophosphate, Monohydrate (10049-21-5) | |
|---|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |

12.4. Mobility in soil

| Disodium Tetraborate, Decahydrate (1303-96-4) | |
|--|---|
| Ecology - soil | May be harmful to plant growth, blooming and fruit formation. |

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

US DOT (ground): Not Regulated,

ICAO/IATA (air): Not Regulated,

IMO/IMDG (water): Not Regulated,

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not Regulated

14.3. Additional information

Other information : No supplementary information available.

Overland transport

No additional information available

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Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

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| | |
|-------------------------------------|---------------------------------|
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard |
|-------------------------------------|---------------------------------|

Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)

Listed on the United States SARA Section 302
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313

| | |
|-------------------------------------|---------------------------------|
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard |
|-------------------------------------|---------------------------------|

Sodium-2(3H)-Benzothiazolethione, Conc=50%, Aqueous Solution (2492-26-4)

| | |
|-------------------------------------|--|
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard Delayed (chronic) health hazard |
|-------------------------------------|--|

Disodium Metasilicate, Pentahydrate (10213-79-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)

Listed on the Canadian DSL (Domestic Substances List)

| | |
|----------------------|------------------------------|
| WHMIS Classification | Class E - Corrosive Material |
|----------------------|------------------------------|

Disodium Metasilicate, Pentahydrate (10213-79-3)

Listed on the Canadian DSL (Domestic Substances List)

Disodium Tetraborate, Decahydrate (1303-96-4)

| | |
|----------------------|--|
| WHMIS Classification | Class D Division 2 Subdivision A - Very toxic material causing other toxic effects |
|----------------------|--|

Sodium Nitrate (7631-99-4)

| | |
|----------------------|---|
| WHMIS Classification | Class C - Oxidizing Material Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
|----------------------|---|

EU-Regulations

Disodium Metasilicate, Pentahydrate (10213-79-3)

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

O; R8

Xi; R36/38

Full text of R-phrases: see section 16

15.2.2. National regulations

Disodium Metasilicate, Pentahydrate (10213-79-3)

15.3. US State regulations

PETRA UNIVERSAL COOLING SYSTEM CLEANER 12 FL.OZ.

| | |
|---|----|
| U.S. - California - Proposition 65 - Carcinogens List | No |
|---|----|

| | |
|---|----|
| U.S. - California - Proposition 65 - Developmental Toxicity | No |
|---|----|

| | |
|---|----|
| U.S. - California - Proposition 65 - Reproductive Toxicity - Female | No |
|---|----|

| | |
|---|----|
| U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No |
|---|----|

Water (7732-18-5)

| | | | | |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
|---|---|---|---|-----------------------------------|

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| | | | | |
|--|---|---|---|-----------------------------------|
| Water (7732-18-5) | | | | |
| No | No | No | No | |
| Pluronic L-61 Surfactant (Proprietary) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |
| Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |
| Sodium-2(3H)-Benzothiazolethione, Conc=50%, Aqueous Solution (2492-26-4) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |
| Disodium Metasilicate, Pentahydrate (10213-79-3) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |
| Disodium Tetraborate, Decahydrate (1303-96-4) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |
| Sodium Nitrate (7631-99-4) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |
| Sodium Dihydrogen Orthophosphate, Monohydrate (10049-21-5) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |
| Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2) | | | | |
| State or local regulations | | | | |
| U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances Rhode Island Right to Know | | | | |

SECTION 16: Other information

Other information : None.

Full text of H-phrases:

| | |
|------|---|
| H272 | May intensify fire; oxidizer |
| H290 | May be corrosive to metals |
| H302 | Harmful if swallowed |
| H312 | Harmful in contact with skin |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation |

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| | |
|------|-------------------------------------|
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H335 | May cause respiratory irritation |
| H401 | Toxic to aquatic life |

NFPA health hazard

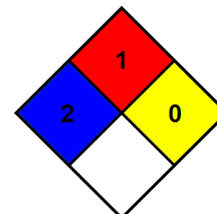
: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard

: 1 - Must be preheated before ignition can occur.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health

: 2 Moderate Hazard - Temporary or minor injury may occur

Flammability

: 1 Slight Hazard

Physical

: 0 Minimal Hazard

Personal Protection

: B

SDS US (GHS HazCom 2012) - TCC

The Supplier identified in Section 1 of this SDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product

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