1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>pNPP ELISA Substrate</td>
<td>50-80-00</td>
</tr>
</tbody>
</table>

Kit Components:
- Phosphatase Substrate p-Nitrophenyl 50-80-01
- Phosphate Hexahydrate Disodium Salt Tablets (pNPP)
- DEA Buffer Solution 50-80-02

Recommended Use  Kit (See Attached Safety Data Sheets For Components Listed Above)

Contact Manufacturer  KPL, Inc.
910 Clopper Road
Gaithersburg, Maryland 20878
USA

Phone #: 1-301-948-7755
Fax #: 1-301-948-0169
Web: www.kpl.com
Email: kplmsds@seracare.com

Emergency Telephone Numbers:
AUSTRALIA – POISONS INFORMATION CENTER  Telephone: 13 11 26  Hours: 24 hours
CANADIAN TRANSPORT EMERGENCY CENTER  Telephone: (1 ) 613 996 6666  Hours: 24 hours/day, 7 days/week
UK – THE NATIONAL FOCUS  Telephone: (44) 029 2041 6388  Hours: 09:00-17:00 GMT
USA- NATIONAL RESPONSE CENTER  Telephone: (1 ) 800 424 8802  Hours: 24 hours/day, 7 days/week

CHEMTREC:
CHEMTREC Customer Number:- CCN12505*
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 CCN12505 or
+1 703-527-3887 (collect calls accepted)
Safety Data Sheet

Diethanolamine Buffer Solution

Revision Date: 6/30/2014

MSDS #: 10197

1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Description:</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEA Buffer Solution</td>
<td>50-80-04</td>
</tr>
<tr>
<td>DEA Buffer Solution</td>
<td>50-80-02</td>
</tr>
</tbody>
</table>

Hazardous Reagent
Diethanolamine Buffer Solution

Hazardous Reagent Product code
Catalog No. listed above

Recommended Use
Reagent

Contact Manufacturer
KPL, Inc.
910 Clopper Road
Gaithersburg, Maryland 20878
USA

Phone #: 1-301-948-7755
Fax #: 1-301-948-0169
Web: www.kpl.com
Email: kplmsds@seracare.com

Emergency Telephone Numbers:
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Telephone: 13 11 26
Hours: 24 hours

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Hours: 24 hours/day, 7 days/week

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For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 CCN12505 or
+1 703-527-3887 (collect calls accepted)

2. HAZARD IDENTIFICATION

Hazard Type

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Classification
Acute Tox. 4 : H302
STOT RE 2: H373
Skin Irrit. 2: H315
Eye Dam. 1: H318

Hazard Statement
H302: Harmful if swallowed
H373: May cause damage to Skin, Eye or Gastrointestinal tract through prolonged or repeated exposure.
H315: Causes skin irritation
H318: Causes serious eye damage

Precautionary Statement
P264: Wash skin thoroughly after handling. | P270: Do not eat, drink or smoke when using this product. | P301 + P312: If Swallowed Call a POISON CENTER or doctor/physician if you feel unwell. | P330 Rinse mouth.

Symbols of Danger
GHS08; GHS05; GHS07; Danger
Data for 100% Hazardous Chemical

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Component</th>
<th>CHEMICAL</th>
<th>% Weight</th>
<th>CAS #:</th>
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</thead>
<tbody>
<tr>
<td>Diethanolamine Buffer Solution</td>
<td>2,2'-iminodiethanol</td>
<td>52.5%</td>
<td>111-42-2</td>
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</table>

**Classification**

Acute Tox. 4 : H302
STOT RE 2: H373
Skin Irrit. 2: H315
Eye Dam. 1: H318

**4. FIRST AID MEASURES**

**Ingestion First Aid:** Rinse mouth. Give one or two glasses of water to drink. Refer for medical attention. Rest.
**Inhalation First Aid:** Fresh air, rest.
**Skin First Aid:** Remove contaminated clothes. Rinse skin with plenty of water or shower.
**Eye First Aid:** First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

**5. FIRE FIGHTING MEASURES**

**Fire Acute Hazard:** Combustible.
**Fire Prevention:** NO open flames.
**Fire Fighting:** Powder, water spray, foam, carbon dioxide.

**Explosion Acute Hazard:** Not Available

**CHEMICAL DANGERS:** The substance decomposes on burning producing toxic fumes. The solution in water is a medium strong base. Reacts violently with strong oxidants, strong acids. Attacks copper, zinc, aluminium, and their alloys.

**PHYSICAL DANGERS:** The vapour is heavier than air.

**6. ACCIDENTAL RELEASE MEASURES**
Diethanolamine Buffer Solution

Personal Precautions
Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
For personal protection see section 8.

Environmental Precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Discharge into the environment must be avoided.

Method of Containment
Keep in suitable, closed containers for disposal.

Methods of Clean-up
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Other Information
For disposal see section 13.

---

7. HANDLING AND STORAGE

Handling:
Wear appropriate PPE. See section 8

Storage:
Separated from strong oxidants and acids. Store at 2 - 8°C.

---

8. EXPOSURE CONTROL

Data for 100% Hazardous Chemical

- INHALATION: Local exhaust or breathing protection.
- EYES: Safety goggles, or eye protection in combination with breathing protection.
- SKIN: Protective gloves. Protective clothing.
- INGESTION: Do not eat, drink, or smoke during work.

---

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, Colorless solution

Physical State: Liquid
pH: 9.3 - 9.5

---

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions. Stability During Transport: Stable

Incompatibility Materials to Avoid: Potentially Incompatible Absorbents
Diethanolamine Buffer Solution

Hazardous Decomposition Products
Flammable gaseous hydrogen is generated by amines in combination with strong reducing agents, such as hydrides.

Hazardous Polymerization
Polymerization: Not pertinent  Inhibitor of Polymerization: Not pertinent

CHEMICAL DANGERS: The substance decomposes on burning producing toxic fumes. The solution in water is a medium strong base. Reacts violently with strong oxidants, strong acids. Attacks copper, zinc, aluminium, and their alloys.

PHYSICAL DANGERS: The vapour is heavier than air.

11. TOXICOLOGY MEASURES

Acute Toxicity
The toxicological risks are minor due to the low concentration of hazardous ingredients. The following toxicological information is for the hazardous ingredient in pure form.

LD50 Oral
Data for 100% 2,2'-iminodiethanol: Species Rat:
Value: 680 mg/kg
Reference: National Technical Information Service. Vol. OTS0516797,

LD50 Dermal
Data for 100% 2,2'-iminodiethanol: Species: Rabbit
Value: 8380 mg/kg

LC50 Inhalation
Not Available

Chronic Toxicity
Carcinogenicity
IARC: 2B - Group 2B: Possibly carcinogenic to humans (Diethanolamine)
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Irritation
Data for 100% 2,2'-iminodiethanol: Skin corrosion/irritation
Skin - rabbit
Result: Mild skin irritation - 24 h
(Draize Test)
Serious eye damage/eye irritation
Eyes - rabbit
Result: Severe eye irritation - 24 h

Corrosivity
Not Available.

Sensitization
Not Available

Neurological Effects
Not Available

Mutagenic Effects
Not Available

Reproductive Effects
Not Available

Developmental Effects
Not Available

Target Organ Effects
Eyes, Skin, Gastrointestinal tract

Other adverse effects
Data for 100% 2,2'-iminodiethanol: Additional Information
RTECS: KL2975000
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Liver - Irregularities - Based on Human Evidence
Liver - Irregularities - Based on Human Evidence
12. ECOLOGICAL MEASURES

Ecotoxicity

Data for 100% 2,2’-iminodiethanol: LC50 Fish (96 hours)

Minimum: 100 mg/l
Maximum: 4710 mg/l
Median: 1480 mg/l

Study number: 5

Reference for median:

Persistence/Degradaibility

Data for 100% 2,2’-iminodiethanol: TESTED FOR BIODEGRADABILITY EMPLOYING BACTERIUM ISOLATED FROM CUTTING FLUID & A SEWAGE POPULATION. SHOWED THAT DIETHANOLAMINE WAS DEGRADABLE, BEING OXIDIZED TO MEANINGFUL EXTENT.

[GANNON JE ET AL; MICROBIAL DEGRADATION OF DIETHANOLAMINE AND RELATED COMPOUNDS; MICROBIS 23(91) 7 (1978)] **PEER REVIEWED**

Mobility in Environmental Media

Data for 100% 2,2’-iminodiethanol: A soil adsorption coefficient (Koc) of 4 was estimated for diethanolamine based on a log Kow of -1.43(1,2,SRC). This Koc value and the complete solubility of DEA in water suggests that this compound would be extremely mobile in soil and would not adsorb appreciably to suspended solids and sediments in water(3,4,SRC). However, diethanolamine is a base (pKa 8.97 at 25 deg C(5)) and may exist in the protonated form under environmental conditions (pH 5-9). Protonation may result in greater adsorption and less mobility than its water solubility or log Kow indicate. Furthermore, diethanolamine has been shown to adsorb to humic acid which may be contained in soils and sediments(6). The adsorption of diethanolamine on humic acid changed very slightly from pH 4-8, (40-45% adsorption)(6).


Bioaccumulation/Accumulation

Data for 100% 2,2’-iminodiethanol: A bioconcentration factor (BCF) of <1 was estimated for diethanolamine (DEA) based on a log Kow of - 1.43(1,2,SRC). This BCF value and complete solubility of DEA in water suggest that this compound does not bioconcentrate significantly in aquatic organisms(3,SRC).


13. DISPOSAL MEASURES

Waste Disposal Method:
Observe all Federal, State and Local laws concerning health and pollution.
SMALL DRY SPILL: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

SMALL SPILL: Take up with clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

LARGE SPILL: Dike far ahead of liquid spill for later disposal. Cover powder spill with plastic sheet or tarp to minimize spreading. Prevent entry into waterways, sewers, basements or confined areas.

Contaminated Packaging:
Observe all Federal, State and Local laws concerning health and pollution. Do not touch or walk through spilled material. Stop leak if you can do it without risk.

US EPA Waste Number:
Data for 100% 2,2’-iminodiethanol: EPA Reportable Quantity: 100 pounds
EPA Pollution Category: B
RCRA Waste Number: Not listed
EPA FWPCA List: Not listed
14. TRANSPORTATION MEASURES

DOT: Data for 100% 2,2'-iminodiethanol: DOT (US)
UN number: 3077 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Diethanolamine)
Reportable Quantity (RQ): 100 lbs
Marine pollutant: No
Poison Inhalation Hazard: No

IATA: Not Available

ADR (road)/ RID (rail): Not Available

IMDG (sea): Not Available

General Transport Regulations Not Applicable

15. REGULATORY MEASURES

This product is a mixture that may contain one or more hazardous chemicals. The hazardous ingredients listed are only those as required by 29 CFR 1910.1200 g 2.C1.

SARA 313
SARA 302 Components
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). SARA 313 Components
The following components are subject to reporting levels established by SARA Title III, Section 313:
Diethanolamine CAS-No. 111-42-2 Revision Date 2011-07-01

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (See 40 CFR 61)
Listed: Diethanolamine CAS-No. 111-42-2

State Regulations
California Proposition 65:
This product contains the following Proposition 65 chemicals: Diethanolamine
Type of Toxicity: Cancer
CAS NO. 111-42-2
Date Listed: June 22, 2012

State Right to Know Act
Chemical Name 2,2'-iminodiethanol
Massachusetts Listed
New Jersey Listed
Pennsylvania Listed
New York Listed
Rhode Island Listed

International Inventories
Chemical Name 2,2'-iminodiethanol
TSCA
DSL Listed
NDSSL Not Listed
EINECS Listed

CHINA Listed
KECL Listed
JAPAN: Listed
AICS Listed

EU Regulations
<table>
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<th>MSDS #: 10197</th>
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</table>

### Diethanolamine Buffer Solution

<table>
<thead>
<tr>
<th>Annex I Index#</th>
<th>603-070-00-6</th>
</tr>
</thead>
</table>

#### Classification
- Acute Tox. 4 : H302
- STOT RE 2: H373
- Skin Irrit. 2: H315
- Eye Dam. 1: H318

#### Risk Phrases
- H302: Harmful if swallowed
- H373: May cause damage to Skin, Eye or Gastrointestinal tract through prolonged or repeated exposure.
- H315: Causes skin irritation
- H318: Causes serious eye damage

#### Safety Phrases
- P264: Wash skin thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P301 + P312: If Swallowed Call a POISON CENTER or doctor/physician if you feel unwell.
- P330: Rinse mouth.

#### Symbols and Indications of Danger
- GHS08; GHS05; GHS07; Danger

#### Specific Concentration Limits
- Not Available

#### Export and Import
- This substance is not listed in the Annex I of Regulation (EC) No 649/2012.

#### European Priority List
- This substance is not listed in a priority list (as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of existing substances.).

---

### 16. OTHER INFORMATION

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. KPL shall not be held liable for any damage resulting from handling or from contact with the above product. Users should make their own investigations to determine the suitability of the information for their particular purposes. This material is sold for research purposes and is intended as laboratory reagents only. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals.

**Revision Date:** 6/30/2014
Safety Data Sheet

Phosphatase Substrate p-Nitrophenyl Phosphate Hexahydrate Disodium Salt Tablets (pNPP)

1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphatase Substrate p-Nitrophenyl Phosphate</td>
<td>50-80-01</td>
</tr>
<tr>
<td>Hexahydrate Disodium Salt Tablets (pNPP)</td>
<td></td>
</tr>
</tbody>
</table>

Hazardous Reagent: None

Hazardous Reagent Product code: None

Recommended Use

Contact Manufacturer: KPL, Inc.
910 Clopper Road
Gaithersburg, Maryland 20878
USA

Phone #: 1-301-948-7755
Fax #: 1-301-948-0169
Web: www.kpl.com
Email: kplmsds@seracare.com

Emergency Telephone Numbers:

<table>
<thead>
<tr>
<th>Country</th>
<th>Information Center</th>
<th>Telephone</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Australia</td>
<td>POISONS INFORMATION CENTER</td>
<td>13 11 26</td>
<td>24 hours</td>
</tr>
<tr>
<td>Canada</td>
<td>CANADIAN TRANSPORT EMERGENCY CENTER</td>
<td>(1) 613 996 6666</td>
<td>24 hours/day, 7 days/week</td>
</tr>
<tr>
<td>UK</td>
<td>THE NATIONAL FOCUS</td>
<td>(44) 029 2041 6388</td>
<td>09:00-17:00 GMT</td>
</tr>
<tr>
<td>USA</td>
<td>NATIONAL RESPONSE CENTER</td>
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<td>24 hours/day, 7 days/week</td>
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</tbody>
</table>

CHEMTREC: CHEMTREC Customer Number: CCN12505*
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 CCN12505 or +1 703-527-3887 (collect calls accepted)

2. HAZARD IDENTIFICATION

Hazard Type: GHS Classification in accordance with 29 CFR 1910 (OSHA HCS): The product contains no substances which at their given concentration, are considered to be hazardous to health or the environment.

Principle Route of Exposure: Not Available

Acute Effects: Eye: May cause redness and irritation

Acute Effects: Skin: Prolonged and repeated contact with product may cause skin irritation.
Acute Effects: Inhalation: May cause irritation to the respiratory tract.
Acute Effects: Ingestion: May be harmful if swallowed.
Chronic Effects: Not Available
Additional Information: None Available

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CHEMICAL</th>
<th>% Weight</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphatase Substrate p-Nitrophenyl Phosphate Hexahydrate Disodium Salt</td>
<td>Sodium Chloride</td>
<td>&lt;10%</td>
<td>7647-14-5</td>
</tr>
</tbody>
</table>

GHS Classification

EC# : 231-598-3
CAS# : 7647-14-5
Substance Name : sodium chloride
Molecular Formula : ClNa
Not Classified

4. FIRST AID MEASURES

General Advice
Wash contaminated clothing before reuse. Consult a physician if irritation persists.

Oral Exposure
Rinse mouth. Refer for medical attention.

Inhalation Exposure
Remove subject to fresh air. Seek medical attention if necessary.

Skin Exposure
Rinse skin with plenty of water or shower. Remove all contaminated clothes and shoes.

Eye Exposure
First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

5. FIRE FIGHTING MEASURES

Extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray. Alcohol-resistant foam. Dry powder. Carbon dioxide.

Unusual Fire and Explosive Hazards
Not Available

Flash Point
Not Available

Autoignition Temperature
Not Available

Flammability Statement
Not Available

Specific hazards arising from the chemical
Not Available

Protective equipment and precautions for firefighters
In case of fire: keep drums, etc., cool by spraying with water. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES
Phosphatase Substrate p-Nitrophenyl Phosphate Hexahydrate Disodium Salt Tablets (pNPP)

7. HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid dust formation in confined areas. Ensure adequate ventilation.

Storage: Keep container tightly closed in a dry and well-ventilated place. Keep away from Bromine Trifluoride and Lithium.

8. EXPOSURE CONTROL

Respiratory Protection None required if good ventilation is maintained. Otherwise wear MSHA/NIOSH approved respirator suitable for vapor or mist concentrations encountered.

Eye Protection Direct contact with product may result in eye irritation.

Skin Protection Prolonged and repeated contact with product may cause skin irritation.

Ingestion Do not eat, drink, or smoke during work.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Powder</td>
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<tr>
<td>Physical State</td>
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<tr>
<td>Odor</td>
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<td>Odor Threshold</td>
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<tr>
<td>pH</td>
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<tr>
<td>Boiling Point</td>
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<tr>
<td>Evaporation Rate</td>
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<tr>
<td>Vapor Density</td>
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<td>Vapor Pressure</td>
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<td>Relative Density</td>
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<td>Water Solubility</td>
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<td>Flammability</td>
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<td>Flash Point</td>
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<tr>
<td>Viscosity</td>
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<tr>
<td>Oxidizing Properties</td>
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<tr>
<td>Explosive Properties</td>
<td>Not Available</td>
</tr>
<tr>
<td>Additional Parameters</td>
<td>Not Available</td>
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</table>

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions
11. TOXICOLOGY MEASURES

Acute Toxicity

The toxicological risks are minor due to the low concentration of hazardous ingredients. The following toxicological information is for the hazardous ingredient in pure form.

LD50 Oral
Oral: Acutely Toxic
SPECIES: Rat
ENDPOINT: LD50
VALUE: 3000 mg/kg

LD50 Dermal
Not Available

LC50 Inhalation
Not Available

Chronic Toxicity

Carcinogenicity
There are no known carcinogenic chemicals in this product.

Irritation
Irritating to the Eye: SPECIES: Rabbit
RESULT: Moderately irritating.

Corrosivity
Not Available

Sensitization
Not Available

Neurological Effects
Not Available

Mutagenic Effects
Not Available

Reproductive Effects
Not Available

Developmental Effects
Not Available

Target Organ Effects
May be harmful by Inhalation, Ingestion, Eye Exposure or Skin Absorption

Other adverse effects
Not Available

12. ECOLOGICAL MEASURES

Ecotoxicity
Not Available

Persistence/Degradability
Not Available

Mobility in Environmental Media
Not Available
13. DISPOSAL MEASURES

Waste Disposal Method: Observe all Federal, State and Local laws concerning health and pollution.

Contaminated Packaging: Avoid contact with skin and clothing. Place contaminated packaging in a break proof outer vessel and dispose on in compliance with national and local regulations.

US EPA Waste Number: Not Available

14. TRANSPORTATION MEASURES

DOT: Not Regulated

IATA: Not Regulated

ADR (road)/ RID (rail): Not Regulated

IMDG (sea): Not Regulated

General Transport Regulations Not Available

15. REGULATORY MEASURES

This product is a mixture that may contain one or more hazardous chemicals. The hazardous ingredients listed are only those as required by 29 CFR 1910.1200 (OSHA HCS).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains no chemical or chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (See 40 CFR 61)

Not Listed

State Regulations

California Proposition 65:
This product contains the following Proposition 65 chemicals: Not Listed

State Right to Know Act

Chemical Name Sodium Chloride

Massachusetts Not Listed
New Jersey Not Listed
Pennsylvania Not Listed
New York Not Listed
Rhode Island Not Listed

International Inventories

Chemical Name Sodium Chloride
**EU Regulations**

<table>
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<td>Classification</td>
<td>EC# : 231-598-3</td>
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<tr>
<td></td>
<td>CAS# : 7647-14-5</td>
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<tr>
<td>Substance Name</td>
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</tr>
<tr>
<td>Molecular Formula</td>
<td>ClNa</td>
</tr>
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<td>Not Classified</td>
<td></td>
</tr>
</tbody>
</table>

**Risk Phrases**

Not Available

**Safety Phrases**

Not Available

**Symbols and Indications of Danger**

Not Available

**Specific Concentration Limits**

Not Available

**Export and Import**

This substance is not listed in the Annex I of Regulation (EC) No 689/2008.

**European Priority List**

This substance is not listed in a priority list (as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of existing substances.).

16. OTHER INFORMATION

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. KPL shall not be held liable for any damage resulting from handling or from contact with the above product. Users should make their own investigations to determine the suitability of the information for their particular purposes. This material is sold for research purposes and is intended as laboratory reagents only. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals.

Revision Date: 7/5/2014