

Safety Data Sheet

1. IDENTIFICATION

1.1 Product Identifier

Product Name: DPD POWDER FOR FREE AND TOTAL ANALYZERS
Catalog Numbers: 14275 09935 09936 09937 09938 00947 00948
 09951 09951H 09952 09952H 09953 09953H 09954 09954H
 09955 09955H 09956 09956H 09991 09942 09992 09956T
 09991T 09947X 09994 09948X 09938X 09937X 09999

CAS Number: 6283-63-2
Chemical Formula: C₁₀H₁₆N₂ · H₂SO₄
Molecular Weight: 262.33 g/mol

1.2 Other Means of Identification

Synonyms: N,N-Diethyl-p-phenylenediamine Sulfate Salt, 4-Amino-N,N-diethylanilinesulfate salt

1.3 Recommended use of the chemical and restrictions on use

Product Use: Analytical / Laboratory Reagent

1.4 Supplier's Detail



Manufacturer:

Address: 3170 Metro Parkway Fort Myers, Fl 33916
General Information: 888-203-7248, Monday thru Friday 8:00am-5:00 pm EST

1.5 Emergency Phone Number

Transportation Emergency Number: CHEMTREC® 24 hr US 800-424-9300
 CHEMTREC® 24 hr International 703-527-3887

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Health:

Acute Toxicity (Oral): Category 4
 Skin Corrosion/Irritation: Category 3
 Skin Sensitizer: Category 1B
 Eye Damage/Irritation: Category 2B
 Specific Target Organ Toxicity (single exposure): Category 3

2.2 GHS label elements, including precautionary statements:



Pictogram:

Signal word: WARNING

Hazard Statements:

H302 – Harmful if swallowed
 H316 – Causes mild skin irritation
 H317 – May cause an allergic skin reaction
 H320 – Causes eye irritation

Precautionary Statements:

P261 – Avoid breathing dust.
 P264 – Wash hands thoroughly after handling
 P270 – Do not eat, drink or smoke when using this product
 P271 – Use only outdoors or in well-ventilated area.
 P272 – Contaminated work clothing should not be allowed out of the workplace.
 P280 – Wear protective gloves.
 P305+P351+P338 – IF IN EYES rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P301+P312+P330 – IF SWALLOWED Rinse Mouth with Water. Call a POISON CENTER or doctor if you feel unwell.
 P302+P352 – IF ON SKIN wash Thoroughly With plenty of water and soap. Consult a Physician.
 P332+P313 – IF skin irritation or rash occurs, get medical attention.
 P304+340 – IF INHALED remove person to fresh air and keep comfortable for breathing.
 P362+P364 – Take off contaminated clothing and wash it before reuse.
 P403+P233 – Store in a well-ventilated place. Keep container tightly closed.
 P405 – Store locked up
 P501 – Dispose of contents/container in accordance with local, regional, national and international regulations.

2.3 Other hazards which do not result in classification: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Cas Number	Weight %
N,N-Diethyl-p-phenylenediamine Sulfate Salt	6283-63-2	100%

4. FIRST AID MEASURES

4.1 Description of necessary first-aid measures

Eye Contact: Rinse Thoroughly With Plenty of Water for at Least 15 Minutes. Consult a Physician.
Skin Contact: Wash Thoroughly With Soap and Water. Consult a Physician.
Inhalation: Remove to Fresh Air. If Not Breathing, Give Artificial Respiration. Consult a Physician.

4.2 Most important symptoms/effects, acute and delayed

Described in section 2.2 and/or section 11

4.3 Indication of immediate medical attention and special treatment needed

None

5. FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media:

Water, Alcohol-Resistant Foam, Dry Chemical or Carbon Dioxide

5.2 Specific hazards arising from the chemical:

Unusual Fire and Exposure Hazards: During a fire, this product decomposes to form toxic gases.

Combustion Products: Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Sulphur oxides

5.3 Special protective actions for fire-fighters:

Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.
NFPA Classification HEALTH: 2 FLAMMABLE: 0 REACTIVITY: 0

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Use Personal Protective Equipment Such as Safety Glasses, Dust Mask, Latex or Nitrile Gloves, and Lab Coat. Avoid Dust Formation. Avoid Breathing Dust.

6.2 Environmental precautions:

Ensure Adequate Ventilation.

6.3 Methods and materials for containment and cleaning up

Pick Up and Arrange Disposal Without Creating Dust. Keep in Suitable, Closed Containers for Disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Avoid Formation of Dust and Aerosols. Provide Appropriate Exhaust Ventilation at Places Where Dust is Formed. Normal Measures for Preventive Fire Protection.

7.2 Conditions for safe storage, including any incompatibilities:

Keep Container Tightly Closed in a Dry, Well Ventilated Place. Light and Moisture Sensitive.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters: No data available

8.2 Appropriate engineering Controls

Maintain General Industrial Hygiene Practices When Using This Product.

8.3 Personal Protective Equipment:

Eyes: Safety glasses
Skin: Lab Coat, and Latex or Nitrile Gloves
Respiratory: Dust Mask
Thermal Hazard: None

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Solid white powder
Odor: Odorless
Odor threshold: No data available
pH: No data available
Melting point/freezing point: 184-187°C (363-369°F)
Initial boiling point and boiling range: No data available
Flashpoint: No data available
Evaporation Rate (Water=1): No data available
Flammability: No data available
Lower Flammability Limit: No data available
Upper Flammability Limit: No data available
Vapor Pressure: No data available
Vapor Density: No data available
Relative Density: No data available
Water solubility: No data available
Octanol / Water Partition Coefficient: No data available
Autoignition Temperature: No data available
Decomposition Temperature: No data available
Viscosity: No data available
Explosive properties: No data available
Oxidizing properties: No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical Stability

Stable Under Recommended Storage Conditions.

3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Avoid Strong Oxidizing Agents.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

Hazardous Decomposition Products Formed Under Fire Conditions Such as Carbon Oxides, Nitrogen Oxides, and Sulfur Oxides.

11. TOXICOLOGICAL INFORMATION

11.1 Information

Acute Toxicity: Irritation and redness of eyes, skin and gastrointestinal tract.
Skin corrosion/irritation: Irritation and redness of the skin.
Serious Eye damage/irritation: Irritation and redness of the eyes
Respiratory or skin sensitization: May Cause Allergic Reaction.
Germ cells mutagenicity: No data available
Carcinogenicity: No component in this product present greater than or equal to 0.10% is identified as a probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP or OSHA.
Reproductive toxicity: No data available
Specific Target organ toxicity – single exposure: May cause allergic reaction
Specific Target organ toxicity – repeated exposure: No data available
Aspiration Hazards: No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Disposal Methods

Dispose of in a manner consistent with Federal, State and Local Regulations.

14. TRANSPORT INFORMATION

US DOT (United States Department of Transportation): Not regulated
IATA (International Air Transport Association): Not regulated
IMO (International Maritime Organization): Not regulated
EU ADR: Not regulated

15. REGULATORY INFORMATION

CERCLA: No
SARA/Title III: Acute Health Hazard
TSCA Inventory: Listed
Cal. Proposition 65: None
WHMIS: No
DSL: No
NDSL: No

16. OTHER INFORMATION

ABOVE INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. ALL PRODUCTS ARE OFFERED IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT PRODUCTION SPECIFICATIONS AND ARE INTENDED SOLELY FOR USE IN ANALYTICAL TESTING. THE MANUFACTURER SHALL IN NO EVENT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE RESULTING FROM THE HANDLING, USE OR MISUSE OF THESE PRODUCTS.

Preparation Information:

Document Number: 0344
Revision number: 18
Revision Objective: Update company logo
Date of Revision: February 2nd, 2017

Safety Data Sheet

1. IDENTIFICATION

1.1 Product Identifier

Product Name: FREE / TOTAL JAW (JUST ADD WATER) INDICATOR
Catalog Numbers: 09951 09952 09953 09954 09955 09956 25003
 09956T 09992 09994
CAS Number: 6192-52-5
Chemical Formula: C₇H₆O₃S · H₂O
Molecular Weight: 190.22 g/mol

1.2 Other Means of Identification

Synonyms: p-Toluenesulfonic Acid

1.3 Recommended use of the chemical and restrictions on use

Product Use: Analytical / Laboratory Reagent

1.4 Supplier's Detail



Manufacturer:

Address: 3170 Metro Parkway Fort Myers, FL 33916
General Information: 888-203-7248, Monday thru Friday 8:00am-5:00 pm EST

1.5 Emergency Phone Number

Transportation Emergency Number: CHEMTREC® 24 hr US 800-424-9300
 CHEMTREC® 24 hr International 703-527-3887

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Health:

Acute toxicity: Category 4
 Skin corrosion/irritation: Category 1
 Eye irritation: Category 1
 Specific target organ – single exposure: Category 3

2.2 GHS label elements, including precautionary statements:



Pictogram:

Signal word: DANGER

Hazardous Statements:

H302 – Harmful if swallowed
 H312 – Harmful in contact with skin
 H332 – Harmful if inhaled
 H314 – Causes severe skin burns and eye damage
 H335 – May cause respiratory irritation

Precautionary Statements:

P260 – Do not breathe dusts or mists
 P264 – Wash thoroughly after handling
 P270 – Do not eat, drink or smoke when using this product
 P271 – Use only outdoors or in well-ventilated area
 P280 – Wear protective gloves/protective clothing and eye protection/face protection
 P301+P330+P331 – IF SWALLOWED Do NOT Induce Vomiting Unless Directed by Medical Personnel. Rinse mouth. Never Give Anything By Mouth to an Unconscious Person. Get Medical Attention.
 P302+P352 – IF ON SKIN Immediately Flush Skin with Plenty of Water for at Least 15 Minutes
 P303+P361+P353 – IF ON SKIN take off all contaminated clothing. Rinse skin with water
 P304+P340 – IF INHALED remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 – IF IN EYES rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310+P312 – Immediately call a POISON CENTER or doctor
 P362+P363+P364 – Take off contaminated clothing and wash it before reuse.
 P403 +P233 – Store in a well-ventilated place. Keep container tightly closed.
 P405 – Store lock up
 P501 – Dispose of contents/container in accordance with local / regional / national / international regulations.

2.3 Other hazards which do not result in classification: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Cas Number	Weight %
p-Toluenesulfonic Acid	6192-52-5	100%

4. FIRST AID MEASURES

4.1 Description of necessary first-aid measures

Eye Contact: Immediately Flush Eyes with Plenty of Water for at Least 15 Minutes. Get Medical Attention.

Skin Contact: Immediately Flush Skin with Plenty of Water for at Least 15 Minutes While Removing Contaminated Clothing and Shoes. Wash Clothing Before Reuse. Get Medical Attention.

Inhalation: Remove to Fresh Air. If Not Breathing, Give Artificial Respiration. If Breathing is Difficult, Give Oxygen. Get Medical Attention.

Ingestion: Do NOT Induce Vomiting Unless Directed by Medical Personnel. Never Give Anything By Mouth to an Unconscious Person. Get Medical Attention.

4.2 Most important symptoms/effects, acute and delayed

Described in section 2.2 and/or section 11

4.3 Indication of immediate medical attention and special treatment needed, if Necessary

None

5. FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media: Dry Chemical, Water Spray, or Foam

5.2 Specific hazards arising from the chemical:

None

5.3 Special protective actions for fire-fighters:

Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

NFPA Classification HEALTH: 3 FLAMMABLE: 1 REACTIVITY: 1

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Wear Personal Protective Equipment such as Safety Glasses, Latex or Nitrile Gloves, Lab Coat, and Dust Mask.

6.2 Environmental precautions:

Keep away from drains, surface and ground water.

6.3 Methods and materials for containment and cleaning up

Sweep Up Material and Place in a Container for Disposal. Material May Neutralized with Dilute Sodium Carbonate.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Keep Container Dry. Keep Away from Heat and Sources of Ignition. Do Not Ingest. Avoid Breathing Dust. Avoid Contact with Eyes and Skin.

7.2 Conditions for safe storage, including any incompatibilities:

Keep Container Tightly Closed and Store in a Cool, Well Ventilated Area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters: Not established

8.2 Appropriate engineering Controls

Maintain General Industrial Hygiene Practices When Using This Product.

8.3 Personal Protective Equipment:

Eyes: Safety glasses
Skin: Lab Coat, and Latex or Nitrile Gloves
Respiratory: Dust Mask

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Solid white powder
Odor: Slight odor
Odor threshold: Not determined
pH: 1-2, Acidic
Melting point/freezing point: 107°C (225°F)
Initial boiling point and boiling range: 140°C (284°F)
Flashpoint: >250°C (446°F)
Evaporation Rate (Water=1): Not determined
Flammability: Not determined
Lower Flammability Limit: Not determined
Upper Flammability Limit: Not determined
Vapor Pressure: Not determined
Vapor Density: Not determined
Relative Density: 0.72 (Water=1)
Water solubility: Soluble in water
Octanol / Water Partition Coefficient: Not determined
Autoignition Temperature: Not determined
Decomposition Temperature: Not determined
Viscosity: Not determined
Explosive properties: Not determined
Oxidizing properties: Not determined

10. STABILITY AND REACTIVITY

10.1 Reactivity:

None

10.2 Chemical Stability

Product is Stable Under Normal Handling and Storage Conditions.

10.3 Possibility of hazardous reactions
May Be Combustible at High Temperature.

10.4 Conditions to avoid
High temperatures

10.5 Incompatible materials
Not determined

10.6 Hazardous decomposition products
None

11. TOXICOLOGICAL INFORMATION

11.1 Information

Acute Toxicity: Irritation and burns of eyes, skin and respiratory tract.

Skin corrosion/irritation: Irritation and burns of skin

Serious Eye damage/irritation: Irritation and burns of eyes.

Respiratory or skin sensitization: Irritation and burns of respiratory tract.

Germ cells mutagenicity: None

Carcinogenicity: No component in this product present greater than or equal to 0.10% is identified as a probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP or OSHA.

Reproductive toxicity: None

Specific Target organ toxicity – single exposure: May cause respiratory irritation

Specific Target organ toxicity – repeated exposure: Not determined

Aspiration Hazards: Not determined

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Not determined

12.2 Persistence and degradability

Not determined

12.3 Bioaccumulative potential

Not determined

12.4 Mobility in soil

Not determined

12.5 Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS

13.1 Disposal Methods

Dispose of in a manner consistent with Federal, State and Local Regulations.

14. TRANSPORT INFORMATION

US DOT (United States Department of Transportation):

PROPER SHIPPING NAME: Aryl Sulfonic Acids, Solid

HAZARD CLASS: 8 **UN NUMBER:** UN2585 **PACKING GROUP:** III

IATA (International Air Transport Association):

PROPER SHIPPING NAME: Arylsulphonic Acids, Solid

HAZARD CLASS: 8 **UN NUMBER:** UN2585 **PACKING GROUP:** III

IMO (International Maritime Organization):

PROPER SHIPPING NAME: Arylsulphonic Acids, Solid

HAZARD CLASS: 8 **UN NUMBER:** UN2585 **PACKING GROUP:** III

15. REGULATORY INFORMATION

DSCL (EEC): R36/37/38-Irritating to Eyes, Respiratory System, and Skin.

S26-In Case of Contact with Eyes, Rinse Immediately with Plenty of Water and Seek Medical Advice.

S28-After Contact with Skin, Wash Immediately with Plenty of Water.

S36/37/39-Wear Suitable Protective Clothing, Gloves, and Eye/Face Protection.

US / CANADA INFORMATION:

OSHA: Hazardous By Definition of Hazard Communication Standard (29 CFR 1910.1200)

WHMIS (Canada): CLASS E: Corrosive Solid

16. OTHER INFORMATION

ABOVE INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. ALL PRODUCTS ARE OFFERED IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT PRODUCTION SPECIFICATIONS AND ARE INTENDED SOLELY FOR USE IN ANALYTICAL TESTING. THE MANUFACTURER SHALL IN NO EVENT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE RESULTING FROM THE HANDLING, USE OR MISUSE OF THESE PRODUCTS.

Preparation Information:

Document Number: 25011

Revision number: 8

Revision Objective: Update Company Logo

Date of Revision: February 2nd, 2017

Safety Data Sheet

1. IDENTIFICATION

1.1 Product Identifier

Product Name: **TOTAL JAW (JUST ADD WATER) CHLORINE BUFFER**
 Catalog Numbers: 09952 09954 09956 25012 09956T 09992 09994
 CAS Number: Mixture
 Chemical Formula: Mixture
 Molecular Weight: Mixture

1.2 Other Means of Identification

Synonyms: N/A

1.3 Recommended use of the chemical and restrictions on use

Product Use: Analytical / Laboratory Reagent

1.4 Supplier's Detail



Manufacturer:
 Address: 3170 Metro Parkway Fort Myers, FL 33916
 General Information: 888-203-7248, Monday thru Friday 8:00am-5:00 pm EST

1.5 Emergency Phone Number

Transportation Emergency Number: CHEMTREC® 24 hr US 800-424-9300
 CHEMTREC® 24 hr International 703-527-3887

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Health:
 Acute toxicity: Category 5
 Skin irritation: Category 3
 Eye irritation: Category 2B

2.2 GHS label elements, including precautionary statements:

Pictogram: None
 Signal word: **WARNING**
 Hazardous Statements:
 H313 – May be harmful in contact with skin
 H333 – may be harmful if inhaled
 H316 – Causes mild skin irritation
 H320 – Causes eye irritation
 Precautionary Statements:
 P264 – Wash thoroughly after handling
 P304 – IF INHALED remove person from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
 P332+P313 – IF IN EYES flush eyes with plenty of water for at least 15 minutes. Get medical aid.
 P305+P351+P338 – IF IN EYES rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 – If eye irritation persists, get medical attention.
 P312 – Call a POISON CENTER or doctor if you feel unwell

2.3 Other hazards which do not result in classification: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Cas Number	Weight %
Trisodium citrate salt	68-04-02	66%
Potassium iodide	7681-11-0	30%
Ethylenediaminetetraacetic acid (EDTA)	6381-92-6	4%

4. FIRST AID MEASURES

4.1 Description of necessary first-aid measures

Eye Contact: Flush Eyes with Plenty of Water for at Least 15 Minutes. Get Medical Aid
Skin Contact: Flush Skin with Water for at Least 15 Minutes While Removing Contaminated Clothing and Shoes
Inhalation: Remove from Exposure and Move to Fresh Air Immediately. If Not Breathing, Give Artificial Respiration. If Breathing is Difficult, Give Oxygen. Get Medical Aid if Cough or Other Symptoms Appear.
Ingestion: Never Give Anything by Mouth to an Unconscious Person. Get Medical Aid. Do NOT Induce Vomiting. If Conscious and Alert, Rinse Mouth and Give Milk or Water.

4.2 Most important symptoms/effects, acute and delayed

Described in section 2.2 and/or section 11

4.3 Indication of immediate medical attention and special treatment needed, if Necessary

Not determined

5. FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media:

Water Spray, Dry Chemical, Carbon Dioxide, or Foam

5.2 Specific hazards arising from the chemical:

None

5.3 Special protective actions for fire-fighters:

Fire Fighting Procedures: None
 NFPA Classification HEALTH: 2 FLAMMABLE: 1 REACTIVITY: 0

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Clean Up Spills Immediately Wearing Appropriate Personal Protective Equipment

6.2 Environmental precautions:

Keep away from drains, surface and ground water.

6.3 Methods and materials for containment and cleaning up

Sweep Up and Place into a Container for Disposal. Avoid Generating Dusty Conditions. Provide Ventilation.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling: Wash Thoroughly After Handling. Remove Contaminated Clothing and Wash Before Reuse. Use in Adequate Ventilation. Minimize Dust Generation and Accumulation. Avoid Contact with Eyes, Skin, and Clothing. Avoid Ingestion and Inhalation.

7.2 Conditions for safe storage, including any incompatibilities: Keep Container Tightly Closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters: Not determined

8.2 Appropriate engineering Controls

Ventilation to Keep Airborne Concentrations Low

8.3 Personal Protective Equipment:

Eyes: Safety glasses
 Skin: Latex or nitrile gloves and Lab coat
 Respiratory: Dust mask

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: White solid
 Odor: Odorless
 Odor threshold: Not determined
 pH: 6-7
 Melting point/freezing point: Not determined
 Initial boiling point and boiling range: Not determined
 Flashpoint: Not determined
 Evaporation Rate (Water=1): Not determined
 Flammability: Not determined
 Lower Flammability Limit: Not determined
 Upper Flammability Limit: Not determined
 Vapor Pressure: Not determined
 Vapor Density: Not determined
 Relative Density: Not determined
 Water solubility: Not determined
 Octanol / Water Partition Coefficient: Not determined
 Autoignition Temperature: Not determined
 Decomposition Temperature: Not determined
 Viscosity: Not determined
 Explosive properties: Not determined
 Oxidizing properties: Not determined

10. STABILITY AND REACTIVITY

10.1 Reactivity:

None

10.2 Chemical Stability

Stable at Room Temperature in Closed Containers Under Normal Storage and Handling Conditions.

10.3 Possibility of hazardous reactions

None

10.4 Conditions to avoid

None

10.5 Incompatible materials

None

10.6 Hazardous decomposition products

None

11. TOXICOLOGICAL INFORMATION

11.1 Information

Acute Toxicity: May Cause Eye, Skin, or Respiratory Tract Irritation
 Skin corrosion/irritation: Skin irritation
 Serious Eye damage/irritation: Eye irritation
 Respiratory or skin sensitization: Respiratory tract irritation
 Germ cells mutagenicity: Not determined
 Carcinogenicity: No component in this product present greater than or equal to 0.10% is identified as a probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP or OSHA.
 Reproductive toxicity: Not determined
 Specific Target organ toxicity – single exposure: Not determined
 Specific Target organ toxicity – repeated exposure: Not determined
 Aspiration Hazards: Not determined

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Not determined

12.2 Persistence and degradability

Not determined

12.3 Bioaccumulative potential

Not determined

12.4 Mobility in soil

Not determined

12.5 Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS

13.1 Disposal Methods

Dispose of in a manner consistent with Federal, State and Local Regulations.

14. TRANSPORT INFORMATION

US DOT (United States Department of Transportation): Not regulated

IATA (International Air Transport Association): Not regulated

IMO (International Maritime Organization): Not regulated

15. REGULATORY INFORMATION

CERCLA: No

SARA/Title III: Listed

TSCA Inventory: Listed

Cal. Proposition 65: Listed

WHMIS: No

DSL: No

NDSL: No

16. OTHER INFORMATION

ABOVE INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. ALL PRODUCTS ARE OFFERED IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT PRODUCTION SPECIFICATIONS AND ARE INTENDED SOLELY FOR USE IN ANALYTICAL TESTING. THE MANUFACTURER SHALL IN NO EVENT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE RESULTING FROM THE HANDLING, USE OR MISUSE OF THESE PRODUCTS.

Preparation Information:

Document Number: 25015

Revision number: 8

Revision Objective: Update Company Logo

Date of Revision: February 2nd, 2017