

# Buffer Pack

*DRAFT: 10-Sep-2019*

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Buffer Pack (ACC 00333) contains the following components:

<b>Component</b>	<b>SDS Number</b>
Carbonate Coating Buffer, 10X concentrate	ACC 00413
PNP Substrate Buffer, 5X concentrate	ACC 00407
PNP Substrate Tablets (5mg)	ACC 00404
PBST Buffer, powder	ACC 00115
GEB, General extraction buffer, powder	ACC 00955
TWEEN® 20	ACC 00528

SDS documents for each component listed above are included in this document.

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# Carbonate Coating Buffer, 10X concentrate

Revision Date: 10-Sep-2019

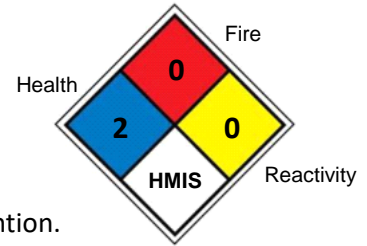
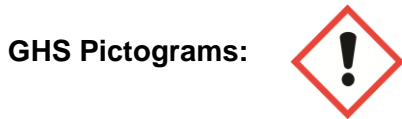
**1 PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Carbonate Coating Buffer, 10X concentrate  
**Catalog #:** ACC 00413  
**Product Use:** Buffer  
**Manufacturer:** Agdia, Inc.  
**PageBreak** 7 and 8    52642 County Road 1  
**Btw6&7**                    Elkhart, IN 46514  
    (574) 264-2014  
**Contact:** Safety Program Facilitator  
**Fax:** (574) 264-2153  
**Email:** info@agdia.com  
**Web:** www.agdia.com

**Emergency:** Contact physician or poison control hotline.

**2 HAZARDS IDENTIFICATION**

**GHS Classification:** **Warning**



**Precautions:** If exposed or concerned, seek medical advice or attention.  
**GHS Hazards:** May be harmful if swallowed. Do not get on skin. Contains 0.2% sodium azide.

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

**Composition / Formula:** Proprietary formulation containing sodium bicarbonate (CAS# 144-55-8). Sodium azide present at 0.2%.

**4 FIRST AID MEASURES**

**Inhalation:** Move to fresh air. If breathing is difficult, provide oxygen. Seek medical attention if needed.  
**Skin Contact:** If skin irritation occurs, wash with soap and water.  
**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.  
**Ingestion:** Rinse mouth with water. Consult a physician if needed.

**5 FIRE FIGHTING MEASURES**

**Fire Fighting:** Not expected to ignite. If involved in a fire, use appropriate extinguishing agent for surrounding fire.  
**Specific Fire Hazards:** None known.

**6 ACCIDENTAL RELEASE MEASURES**

**Accidental Release:** Wear suitable laboratory protective clothing. Pick up excess with inert absorbant material and place into separate waste container. Flush area with warm soapy water.

**7 HANDLING AND STORAGE**

**Handling Precautions:** Use standard laboratory safety practices. Protective gear shown in Section 8.

# Carbonate Coating Buffer, 10X concentrate

Revision Date: 10-Sep-2019

**Storage Requirements:** Store under refrigeration (+2 to +8 °C).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Use mechanical (general) ventilation for storage areas.

**Protective Equipment:** Handle in accordance with good industrial hygiene and safety practices. Eye protection and gloves recommended. If substance is a powder, nuisance exposures may be avoided with use of type P95 (US) or type P1 (EU EN 143) particle respirator.

**Exposure Guidelines:** PEL - None Established. TLV - None Established.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear liquid

**Odor:** None

**Flash Point:** Not available.

**Physical State:** Liquid

**pH:** ~ 9.6

**Autolgnition:** Not available.

**Solubility:** Completely soluble in water

**Other Information:** No additional physical or chemical information available.

## 10 STABILITY AND REACTIVITY

**Reactivity Hazards:** None known.

**Conditions To Avoid:** None known.

**Stability:** Stable under normal conditions.

**Materials To Avoid:** Strong oxidizing agents.

**Hazardous By-products:** No hazardous reactions nor hazardous decomposition products known.

## 11 TOXICOLOGICAL INFORMATION

**Toxicology Information:** The complete chemical, physical, and toxicological properties of this material have not been thoroughly investigated to the best of Agdia's knowledge.

## 12 ECOLOGICAL INFORMATION

**Ecological Information:** No data available

## 13 DISPOSAL CONSIDERATIONS

**Disposal:** Dispose of in accordance with local regulations.

## 14 TRANSPORT INFORMATION

**Transport Information:** Not dangerous goods per DOT, IATA, and IMDG.

## 15 REGULATORY INFORMATION

**Regulatory Information:** CERCLA: Not Applicable. SARA Title III: Not Listed

## 16 OTHER INFORMATION

**Disclaimer:** Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s). This information only describes safety measures and no liability may arise from the use or application of the product described herein. This information is given in good faith and based on our current knowledge of the product. For R&D use only. Not for drug, household or other uses.

# PNP Substrate Buffer, 5X concentrate

Revision Date: 10-Sep-2019

**1** **PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** PNP Substrate Buffer, 5X concentrate

**Catalog #:** ACC 00407

**Product Use:** Buffer

**Manufacturer:** Agdia, Inc.  
**PageBreak** 6 and 7 52642 County Road 1  
 Btw6&7 Elkhart, IN 46514  
 (574) 264-2014

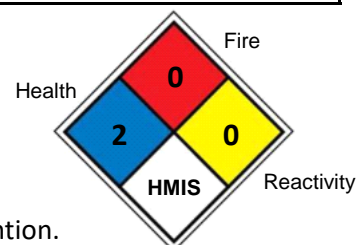
**Contact:** Safety Program Facilitator  
**Fax:** (574) 264-2153  
**Email:** info@agdia.com  
**Web:** www.agdia.com

**Emergency:** Contact physician or poison control hotline.

**2** **HAZARDS IDENTIFICATION**

**GHS Classification:** **DANGER**

**GHS Pictograms:**



**Precautions:** If exposed or concerned, seek medical advice or attention.

**GHS Hazards:** Harmful if swallowed. Causes respiratory tract irritation. Causes skin irritation. May cause serious eye damage. Suspected of causing cancer. May cause organ damage with prolonged or repeated exposure.

**3** **COMPOSITION / INFORMATION ON INGREDIENTS**

**Composition / Formula:** Proprietary formulation containing diethanolamine (CAS 111-42-2, <50%) . No other hazardous components or carcinogens > 0.1%.

**4** **FIRST AID MEASURES**

**Inhalation:** Move to fresh air. If breathing is difficult, provide oxygen. Seek medical attention if needed.

**Skin Contact:** If skin irritation occurs, wash with soap and water.

**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.

**Ingestion:** Rinse mouth with water. Consult a physician if needed.

**5** **FIRE FIGHTING MEASURES**

**Fire Fighting:** Not expected to ignite. If involved in a fire, use appropriate extinguishing agent for surrounding fire.

**Specific Fire Hazards:** None known.

**6** **ACCIDENTAL RELEASE MEASURES**

**Accidental Release:** Wear suitable laboratory protective clothing. Pick up excess with inert absorbant material and place into separate waste container. Flush area with warm soapy water.

**7** **HANDLING AND STORAGE**

# PNP Substrate Buffer, 5X concentrate

Revision Date: 10-Sep-2019

**Handling Precautions:** Use standard laboratory safety practices. Protective gear shown in Section 8.

**Storage Requirements:** Store under refrigeration (+2 to +8 °C).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Use mechanical (general) ventilation for storage areas.

**Protective Equipment:** Handle in accordance with good industrial hygiene and safety practices. Eye protection and gloves recommended. If substance is a powder, nuisance exposures may be avoided with use of type P95 (US) or type P1 (EU EN 143) particle respirator.

**Exposure Guidelines:** PEL - None Established. TLV - None Established.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear yellow liquid

**Odor:** None

**Flash Point:** Not available.

**Physical State:** Liquid

**pH:** ~ 9.8

**Autolgnition:** Not available.

**Solubility:** Completely soluble in water

**Other Information:** No additional physical or chemical information available.

## 10 STABILITY AND REACTIVITY

**Reactivity Hazards:** None known.

**Conditions To Avoid:** None known.

**Stability:** Stable under normal conditions.

**Materials To Avoid:** Strong oxidizing agents.

**Hazardous By-products:** No hazardous reactions nor hazardous decomposition products known.

## 11 TOXICOLOGICAL INFORMATION

**Toxicology Information:** The complete chemical, physical, and toxicological properties of this material have not been thoroughly investigated to the best of Agdia's knowledge.

## 12 ECOLOGICAL INFORMATION

**Ecological Information:** No data available

## 13 DISPOSAL CONSIDERATIONS

**Disposal:** Dispose of in accordance with local regulations.

## 14 TRANSPORT INFORMATION

**Transport Information:** Not dangerous goods per DOT, IATA, and IMDG.

## 15 REGULATORY INFORMATION

**Regulatory Information:** CERCLA: Not Applicable. SARA Title III: Not Listed

## 16 OTHER INFORMATION

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# PNP Substrate Tablets (5mg)

Revision Date: 10-Sep-2019

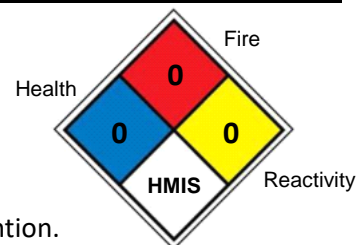
**1 PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** PNP Substrate Tablets (5mg)  
**Catalog #:** ACC 00404  
**Product Use:** Substrate  
**Manufacturer:** Agdia, Inc.  
**Contact:** Safety Program Facilitator  
**PageBreak 7 and 8** 52642 County Road 1 **Fax:** (574) 264-2153  
 Elkhart, IN 46514 **Email:** info@agdia.com  
**Btw6&7** (574) 264-2014 **Web:** www.agdia.com  
**Emergency:** Contact physician or poison control hotline.

**2 HAZARDS IDENTIFICATION**

**GHS Classification:** Not Hazardous

**GHS Pictograms:**



**Precautions:** If exposed or concerned, seek medical advice or attention.

**GHS Hazards:** None identified.

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

**Composition / Formula:** p-nitrophenyl phosphate (CAS 333338-18-4)

**4 FIRST AID MEASURES**

**Inhalation:** Move to fresh air. If breathing is difficult, provide oxygen. Seek medical attention if needed.

**Skin Contact:** If skin irritation occurs, wash with soap and water.

**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.

**Ingestion:** Rinse mouth with water. Consult a physician if needed.

**5 FIRE FIGHTING MEASURES**

**Fire Fighting:** Not expected to ignite. If involved in a fire, use appropriate extinguishing agent for surrounding fire.

**Specific Fire Hazards:** Carbon oxides, Nitrogen oxides (NOx), Oxides of phosphorus, Sodium oxides.

**6 ACCIDENTAL RELEASE MEASURES**

**Accidental Release:** Wear suitable laboratory protective clothing. Pick up excess with inert absorbant material and place into separate waste container. Flush area with warm soapy water.

**7 HANDLING AND STORAGE**

**Handling Precautions:** Use standard laboratory safety practices. Protective gear shown in Section 8.

**Storage Requirements:** Store under refrigeration (+2 to +8 °C).

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

# PNP Substrate Tablets (5mg)

Revision Date: 10-Sep-2019

**Engineering Controls:** Use mechanical (general) ventilation for storage areas.

**Protective Equipment:** No special protective equipment required. Handle in accordance with good industrial hygiene and safety practices. If substance is a powder, nuisance exposures may be avoided with use of type P95 (US) or type P1 (EU EN 143) particle respirator.

**Exposure Guidelines:** PEL - None Established. TLV - None Established.

**9**

## PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White to Yellow Tablet      **Odor:** None      **Flash Point:** Not available.

**Physical State:** Solid      **pH:** N/A      **Autolgnition:** Not available.

**Solubility:** Completely soluble in water

**Other Information:** Melting point/freezing point: > 300 °C (> 572 °F). No additional physical or chemical information available.

**10**

## STABILITY AND REACTIVITY

**Reactivity Hazards:** None known.

**Conditions To Avoid:** None known.

**Stability:** Stable under normal conditions.

**Materials To Avoid:** Strong oxidizing agents, Strong acids, Strong bases

**Hazardous By-products:** No hazarous reactions nor hazardous decomposition products known.

**11**

## TOXICOLOGICAL INFORMATION

**Toxicology Information:** The complete chemical, physical, and toxicological properties of this material have not been thoroughly investigated to the best of Agdia's knowledge.

**12**

## ECOLOGICAL INFORMATION

**Ecological Information:** No data available

**13**

## DISPOSAL CONSIDERATIONS

**Disposal:** Dispose of in accordance with local regulations.

**14**

## TRANSPORT INFORMATION

**Transport Information:** Not dangerous goods per DOT, IATA, and IMDG.

**15**

## REGULATORY INFORMATION

**Regulatory Information:** CERCLA: Not Applicable. SARA Title III: Not Listed

**16**

## OTHER INFORMATION

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# PBST Buffer, powder

Revision Date: 10-Sep-2019

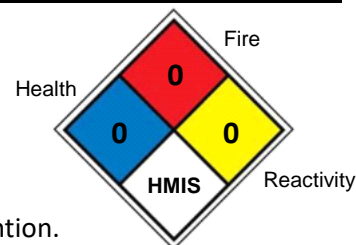
**1 PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** PBST Buffer, powder  
**Catalog #:** ACC 00115  
**Product Use:** Buffer  
**Manufacturer:** Agdia, Inc.  
**Contact:** Safety Program Facilitator  
**PageBreak 7 and 8** 52642 County Road 1 **Fax:** (574) 264-2153  
 Elkhart, IN 46514 **Email:** info@agdia.com  
**Btw6&7** (574) 264-2014 **Web:** www.agdia.com  
**Emergency:** Contact physician or poison control hotline.

**2 HAZARDS IDENTIFICATION**

**GHS Classification:** Not Hazardous

**GHS Pictograms:**



**Precautions:** If exposed or concerned, seek medical advice or attention.

**GHS Hazards:** None identified.

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

**Composition / Formula:** Potassium phosphate, monobasic (CAS 7778-77-0), Sodium phosphate, dibasic (CAS 7558-79-4), Potassium chloride (CAS 7447-40-7), Sodium chloride (CAS 7647-14-5), and Tween 20 (CAS 9005-64-5)

**4 FIRST AID MEASURES**

**Inhalation:** Move to fresh air. If breathing is difficult, provide oxygen. Seek medical attention if needed.  
**Skin Contact:** If skin irritation occurs, wash with soap and water.  
**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.  
**Ingestion:** Rinse mouth with water. Consult a physician if needed.

**5 FIRE FIGHTING MEASURES**

**Fire Fighting:** Not expected to ignite. If involved in a fire, use appropriate extinguishing agent for surrounding fire.  
**Specific Fire Hazards:** None known.

**6 ACCIDENTAL RELEASE MEASURES**

**Accidental Release:** Wear suitable laboratory protective clothing. Pick up excess with inert absorbant material and place into separate waste container. Flush area with warm soapy water.

**7 HANDLING AND STORAGE**

**Handling Precautions:** Use standard laboratory safety practices. Protective gear shown in Section 8.

# PBST Buffer, powder

Revision Date: 10-Sep-2019

**Storage Requirements:** Store at room temperature in a well ventilated area.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Use mechanical (general) ventilation for storage areas.

**Protective Equipment:** No special protective equipment required. Handle in accordance with good industrial hygiene and safety practices. If substance is a powder, nuisance exposures may be avoided with use of type P95 (US) or type P1 (EU EN 143) particle respirator.

**Exposure Guidelines:** PEL - None Established. TLV - None Established.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Powder

**Odor:** None

**Flash Point:** Not available.

**Physical State:** Solid

**pH:** N/A

**Autolgnition:** Not available.

**Solubility:** Completely soluble in water

**Other Information:** No additional physical or chemical information available.

## 10 STABILITY AND REACTIVITY

**Reactivity Hazards:** None known.

**Conditions To Avoid:** None known.

**Stability:** Stable under normal conditions.

**Materials To Avoid:** Strong oxidizing agents.

**Hazardous By-products:** No hazarous reactions nor hazardous decomposition products known.

## 11 TOXICOLOGICAL INFORMATION

**Toxicology Information:** The complete chemical, physical, and toxicological properties of this material have not been thoroughly investigated to the best of Agdia's knowledge.

## 12 ECOLOGICAL INFORMATION

**Ecological Information:** No data available

## 13 DISPOSAL CONSIDERATIONS

**Disposal:** Dispose of in accordance with local regulations.

## 14 TRANSPORT INFORMATION

**Transport Information:** Not dangerous goods per DOT, IATA, and IMDG.

## 15 REGULATORY INFORMATION

**Regulatory Information:** CERCLA: Not Applicable. SARA Title III: Not Listed

## 16 OTHER INFORMATION

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# GEB, General extraction buffer, powder

Revision Date: 10-Sep-2019

**1 PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** GEB, General extraction buffer, powder  
**Catalog #:** ACC 00955  
**Product Use:** Extraction Buffer

**Manufacturer:** Agdia, Inc.  
**PageBreak** 7 and 8 52642 County Road 1  
 Btw6&7 Elkhart, IN 46514  
 (574) 264-2014

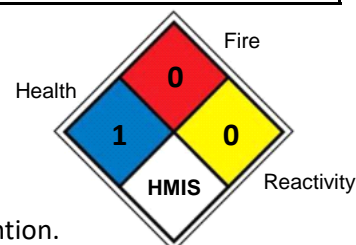
**Contact:** Safety Program Facilitator  
**Fax:** (574) 264-2153  
**Email:** info@agdia.com  
**Web:** www.agdia.com

**Emergency:** Contact physician or poison control hotline.

**2 HAZARDS IDENTIFICATION**

**GHS Classification:** **Warning**

**GHS Pictograms:**



**Precautions:** If exposed or concerned, seek medical advice or attention.  
**GHS Hazards:** May cause skin, eye, or respiratory tract irritation. May be harmful if swallowed.

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

**Composition / Formula:** Proprietary formulation.

**4 FIRST AID MEASURES**

**Inhalation:** Move to fresh air. If breathing is difficult, provide oxygen. Seek medical attention if needed.  
**Skin Contact:** If skin irritation occurs, wash with soap and water.  
**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.  
**Ingestion:** Rinse mouth with water. Consult a physician if needed.

**5 FIRE FIGHTING MEASURES**

**Fire Fighting:** Not expected to ignite. If involved in a fire, use appropriate extinguishing agent for surrounding fire.  
**Specific Fire Hazards:** None known.

**6 ACCIDENTAL RELEASE MEASURES**

**Accidental Release:** Wear suitable laboratory protective clothing. Pick up excess with inert absorbant material and place into separate waste container. Flush area with warm soapy water.

**7 HANDLING AND STORAGE**

**Handling Precautions:** Use standard laboratory safety practices. Protective gear shown in Section 8.  
**Storage Requirements:** Store at room temperature in a well ventilated area.

# GEB, General extraction buffer, powder

Revision Date: 10-Sep-2019

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Use mechanical (general) ventilation for storage areas.

**Protective Equipment:** No special protective equipment required. Handle in accordance with good industrial hygiene and safety practices. If substance is a powder, nuisance exposures may be avoided with use of type P95 (US) or type P1 (EU EN 143) particle respirator.

**Exposure Guidelines:** PEL - None Established. TLV - None Established.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Off white powder

**Odor:** None

**Flash Point:** Not available.

**Physical State:** Solid

**pH:** N/A

**Autolgnition:** Not available.

**Solubility:** Completely soluble in water

**Other Information:** No additional physical or chemical information available.

## 10 STABILITY AND REACTIVITY

**Reactivity Hazards:** None known.

**Conditions To Avoid:** None known.

**Stability:** Stable under normal conditions.

**Materials To Avoid:** Strong oxidizing agents.

**Hazardous By-products:** No hazarous reactions nor hazardous decomposition products known.

## 11 TOXICOLOGICAL INFORMATION

**Toxicology Information:** The complete chemical, physical, and toxicological properties of this material have not been thoroughly investigated to the best of Agdia's knowledge.

## 12 ECOLOGICAL INFORMATION

**Ecological Information:** No data available

## 13 DISPOSAL CONSIDERATIONS

**Disposal:** Dispose of in accordance with local regulations.

## 14 TRANSPORT INFORMATION

**Transport Information:** Not dangerous goods per DOT, IATA, and IMDG.

## 15 REGULATORY INFORMATION

**Regulatory Information:** CERCLA: Not Applicable. SARA Title III: Not Listed

## 16 OTHER INFORMATION

**Disclaimer:** Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s). This information only describes safety measures and no liability may arise from the use or application of the product described herein. This information is given in good faith and based on our current knowledge of the product. For R&D use only. Not for drug, household or other uses.

# TWEEN® 20

Revision Date: 10-Sep-2019

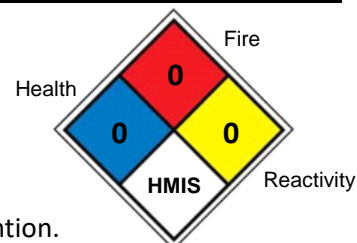
**1 PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** TWEEN® 20  
**Catalog #:** ACC 00528  
**Product Use:** Surfactant  
**Manufacturer:** Agdia, Inc.  
**Contact:** Safety Program Facilitator  
**PageBreak 7 and 8** 52642 County Road 1 **Fax:** (574) 264-2153  
 Elkhart, IN 46514 **Email:** info@agdia.com  
**Btw6&7** (574) 264-2014 **Web:** www.agdia.com  
**Emergency:** Contact physician or poison control hotline.

**2 HAZARDS IDENTIFICATION**

**GHS Classification:** Not Hazardous

**GHS Pictograms:**



**Precautions:** If exposed or concerned, seek medical advice or attention.

**GHS Hazards:** None identified.

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

**Composition / Formula:** Polyoxyethylene sorbitan monolaurate (TWEEN® 20), CAS # 9005-64-5. TWEEN® is a registered trademark of Croda International PLC.

**4 FIRST AID MEASURES**

**Inhalation:** Move to fresh air. If breathing is difficult, provide oxygen. Seek medical attention if needed.

**Skin Contact:** If skin irritation occurs, wash with soap and water.

**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.

**Ingestion:** Rinse mouth with water. Consult a physician if needed.

**5 FIRE FIGHTING MEASURES**

**Fire Fighting:** Not expected to ignite. If involved in a fire, use appropriate extinguishing agent for surrounding fire.

**Specific Fire Hazards:** None known.

**6 ACCIDENTAL RELEASE MEASURES**

**Accidental Release:** Wear suitable laboratory protective clothing. Pick up excess with inert absorbant material and place into separate waste container. Flush area with warm soapy water.

**7 HANDLING AND STORAGE**

**Handling Precautions:** Use standard laboratory safety practices. Protective gear shown in Section 8.

**Storage Requirements:** Store at room temperature in a well ventilated area.

## TWEEN® 20

Revision Date: 10-Sep-2019

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Controls:** Use mechanical (general) ventilation for storage areas.

**Protective Equipment:** No special protective equipment required. Handle in accordance with good industrial hygiene and safety practices. If substance is a powder, nuisance exposures may be avoided with use of type P95 (US) or type P1 (EU EN 143) particle respirator.

**Exposure Guidelines:** PEL - None Established. TLV - None Established.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Clear to yellowish, viscous liquid      **Odor:** None      **Flash Point:** > 110°C (> 230 °F) - closed cup

**Physical State:** Liquid      **pH:** 7.0      **Autolgnition:** Not available.

**Solubility:** Completely soluble in water

**Other Information:** Initial Boiling point: 100 °C (212 °F); Vapour pressure: < 1.33 hPa (< 1.00 mmHg); Relative density: 1.095 g/mL at 25 °C (77 °F). No additional physical or chemical information available.

**10 STABILITY AND REACTIVITY**

**Reactivity Hazards:** None known.

**Conditions To Avoid:** None known.

**Stability:** Stable under normal conditions.

**Materials To Avoid:** Strong oxidizing agents.

**Hazardous By-products:** No hazardous reactions nor hazardous decomposition products known.

**11 TOXICOLOGICAL INFORMATION**

**Toxicology Information:** The complete chemical, physical, and toxicological properties of this material have not been thoroughly investigated to the best of Agdia's knowledge.

**12 ECOLOGICAL INFORMATION**

**Ecological Information:** No data available

**13 DISPOSAL CONSIDERATIONS**

**Disposal:** Dispose of in accordance with local regulations.

**14 TRANSPORT INFORMATION**

**Transport Information:** Not dangerous goods per DOT, IATA, and IMDG.

**15 REGULATORY INFORMATION**

**Regulatory Information:** CERCLA: Not Applicable. SARA Title III: No chemicals in this material are subject to the reporting requirements of SARA Title III.

**16 OTHER INFORMATION**

**Disclaimer:** Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s). This information only describes safety measures and no liability may arise from the use or application of the product described herein. This information is given in good faith and based on our current knowledge of the product. For R&D use only. Not for drug, household or other uses.