

Ballas Egg Products Corp.

40 North Second Street

P.O. Box 2217

Zanesville, Ohio 43701

(740) 453-0386 FAX (740) 453-0491

MATERIAL SAFETY DATA SHEETS

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MATERIAL SAFETY DATA SHEET

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Product identity: **Dried Egg Yolks (code #1010)**
Dried Free-Flowing Egg Yolks (code #1110)

SECTION 1 – MANUFACTURER INFORMATION

Manufacturer: **Ballas Egg Products Corp.**
40 North Second St.
Zanesville, Ohio 43701

Telephone No.: **(740) 453-0386**
Emergency Telephone No: **(740) 453-0386**
Date Prepared: **6/26/2001**

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous components: **None applicable**

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: **Not applicable**
Vapor Pressure: **Not applicable**
Vapor Density: **Not applicable**
Solubility in Water: **100%**
Specific Gravity: **Approx. 1.04 (Liquid and Frozen Egg Products)**
Density: **Approx. 26.6 lbs./ft³ (Dried Egg Products)**
Melting Point: **Not applicable**
Evaporation Rate: **Not applicable**
Appearance: **Yellow in color; Odor typical of dried eggs**

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: **Non-Flammable**
Flammable Limits: **Not applicable**
Extinguishing Media: **Use extinguishing media appropriate for the surrounding fire.**
Special Fire Fighting Procedures: **Not applicable**
Unusual Fire/Explosion Hazards: **Not applicable**

SECTION 5 – REACTIVITY DATA

Stable: **Yes**
Conditions to avoid: **Not applicable**
Incompatibility: **Not applicable**
Hazardous Decomposition By Products: **Spoiled egg products may create sulfur dioxide and/or ammonia vapors.**
Hazardous Polymerization: **Not applicable**

MATERIAL SAFETY DATA SHEET

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Product identity: **Dried Egg Yolks (code #1010)**
Dried Free-Flowing Egg Yolks (code #1110)

SECTION 6 – HEALTH HAZARD DATA

Inhalation: **Avoid breathing dust or spray mist.**
Eyes: **Avoid contact with eyes.**
Skin: **Not applicable**
Ingestion: **Not applicable**
Health Hazards: **Not applicable**
Carcinogenicity: **Not applicable**
Signs and Symptoms
of Exposure: **Not applicable**
Medical Conditions **Persons with severe allergies may be sensitive to egg products,**
Aggravated By Exposure: **especially egg whites.**
Emergency and First Aid **Eyes: Immediately flush eyes with plenty of water for at least**
Procedures: **15 minutes.**

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal Method: **Spilled material may be discarded with other solid waste without additional restrictions. Disposal into sanitary sewers must be done in accordance with all applicable laws.**
Precautions To Be Taken In **Store according to recommendations on label. Product labeled**
Storage and Handling: **“FROZEN” must be stored at 0°F to 10°F until ready to thaw for use. Product labeled “LIQUID” must be stored at 40°F or below at all times. Do not refreeze egg products once thawed. Do not exceed recommended shelf life. Do not allow material to spoil inside an enclosed vessel.**

SECTION 8 – CONTROL MEASURES

Respiratory Protection: **Approved dust mask as required; exposure 15mg/m³ per CFR 1910.1001.**
Ventilation: **Not applicable**
Protective Gloves: **Not applicable**
Eye Protection: **Safety goggles with all powdered product.**
Other Protective Clothing or
Equipment: **Not applicable**

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Product identity: **Dried Egg Whites – All Types**
(code #2010, #2110, #2210)

SECTION 1 – MANUFACTURER INFORMATION

Manufacturer: **Ballas Egg Products Corp.**
40 North Second St.
Zanesville, Ohio 43701

Telephone No.: **(740) 453-0386**
Emergency Telephone No: **(740) 453-0386**
Date Prepared: **6/26/2001**

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous components: **None applicable**

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: **Not applicable**
Vapor Pressure: **Not applicable**
Vapor Density: **Not applicable**
Solubility in Water: **100%**
Specific Gravity: **Approx. 1.04 (Liquid and Frozen Egg Products)**
Density: **Approx. 26.6 lbs./ft³ (Dried Egg Products)**
Melting Point: **Not applicable**
Evaporation Rate: **Not applicable**
Appearance: **White in color; Odor typical of dried eggs**

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: **Non-Flammable**
Flammable Limits: **Not applicable**
Extinguishing Media: **Use extinguishing media appropriate for the surrounding fire.**
Special Fire Fighting Procedures: **Not applicable**
Unusual Fire/Explosion Hazards: **Not applicable**

SECTION 5 – REACTIVITY DATA

Stable: **Yes**
Conditions to avoid: **Not applicable**
Incompatibility: **Not applicable**
Hazardous Decomposition
By Products: **Spoiled egg products may create sulfur dioxide and/or ammonia vapors.**
Hazardous Polymerization: **Not applicable**

MATERIAL SAFETY DATA SHEET

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Product identity: **Dried Egg Whites – All Types**
(code #2010, #2110, #2210)

SECTION 6 – HEALTH HAZARD DATA

Inhalation: **Avoid breathing dust or spray mist.**
Eyes: **Avoid contact with eyes.**
Skin: **Not applicable**
Ingestion: **Not applicable**
Health Hazards: **Not applicable**
Carcinogenicity: **Not applicable**
Signs and Symptoms
of Exposure: **Not applicable**
Medical Conditions **Persons with severe allergies may be sensitive to egg products,**
Aggravated By Exposure: **especially egg whites.**
Emergency and First Aid **Eyes: Immediately flush eyes with plenty of water for at least**
Procedures: **15 minutes.**

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal Method: **Spilled material may be discarded with other solid waste without additional restrictions. Disposal into sanitary sewers must be done in accordance with all applicable laws.**
Precautions To Be Taken In **Store according to recommendations on label. Product labeled**
Storage and Handling: **“FROZEN” must be stored at 0°F to 10°F until ready to thaw for use. Product labeled “LIQUID” must be stored at 40°F or below at all times. Do not refreeze egg products once thawed. Do not exceed recommended shelf life. Do not allow material to spoil inside an enclosed vessel.**

SECTION 8 – CONTROL MEASURES

Respiratory Protection: **Approved dust mask as required; exposure 15mg/m³ per CFR 1910.1001.**
Ventilation: **Not applicable**
Protective Gloves: **Not applicable**
Eye Protection: **Safety goggles with all powdered product.**
Other Protective Clothing or
Equipment: **Not applicable**

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MATERIAL SAFETY DATA SHEET

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Product identity: **Dried Whole Eggs (code #3010)**
Dried Free-Flowing Whole Eggs (code #3110)

SECTION 1 – MANUFACTURER INFORMATION

Manufacturer: **Ballas Egg Products Corp.**
40 North Second St.
Zanesville, Ohio 43701

Telephone No.: **(740) 453-0386**
Emergency Telephone No: **(740) 453-0386**
Date Prepared: **6/26/2001**

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous components: **None applicable**

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: **Not applicable**
Vapor Pressure: **Not applicable**
Vapor Density: **Not applicable**
Solubility in Water: **100%**
Specific Gravity: **Approx. 1.04 (Liquid and Frozen Egg Products)**
Density: **Approx. 26.6 lbs./ft³ (Dried Egg Products)**
Melting Point: **Not applicable**
Evaporation Rate: **Not applicable**
Appearance: **Yellow to orange in color; Odor typical of dried eggs**

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: **Non-Flammable**
Flammable Limits: **Not applicable**
Extinguishing Media: **Use extinguishing media appropriate for the surrounding fire.**
Special Fire Fighting Procedures: **Not applicable**
Unusual Fire/Explosion Hazards: **Not applicable**

SECTION 5 – REACTIVITY DATA

Stable: **Yes**
Conditions to avoid: **Not applicable**
Incompatibility: **Not applicable**
Hazardous Decomposition By Products: **Spoiled egg products may create sulfur dioxide and/or ammonia vapors.**
Hazardous Polymerization: **Not applicable**

MATERIAL SAFETY DATA SHEET

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Product identity: **Dried Whole Eggs (code #3010)**
Dried Free-Flowing Whole Eggs (code #3110)

SECTION 6 – HEALTH HAZARD DATA

Inhalation: **Avoid breathing dust or spray mist.**
Eyes: **Avoid contact with eyes.**
Skin: **Not applicable**
Ingestion: **Not applicable**
Health Hazards: **Not applicable**
Carcinogenicity: **Not applicable**
Signs and Symptoms
of Exposure: **Not applicable**
Medical Conditions **Persons with severe allergies may be sensitive to egg products,**
Aggravated By Exposure: **especially egg whites.**
Emergency and First Aid **Eyes: Immediately flush eyes with plenty of water for at least**
Procedures: **15 minutes.**

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal Method: **Spilled material may be discarded with other solid waste without additional restrictions. Disposal into sanitary sewers must be done in accordance with all applicable laws.**
Precautions To Be Taken In **Store according to recommendations on label. Product labeled**
Storage and Handling: **“FROZEN” must be stored at 0°F to 10°F until ready to thaw for use. Product labeled “LIQUID” must be stored at 40°F or below at all times. Do not refreeze egg products once thawed. Do not exceed recommended shelf life. Do not allow material to spoil inside an enclosed vessel.**

SECTION 8 – CONTROL MEASURES

Respiratory Protection: **Approved dust mask as required; exposure 15mg/m³ per CFR 1910.1001.**
Ventilation: **Not applicable**
Protective Gloves: **Not applicable**
Eye Protection: **Safety goggles with all powdered product.**
Other Protective Clothing or
Equipment: **Not applicable**

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Product identity: **“FORTEX” brand Dried Egg Blends – all types
(codes #4010 to #4050)**

SECTION 1 – MANUFACTURER INFORMATION

Manufacturer: **Ballas Egg Products Corp.
40 North Second St.
Zanesville, Ohio 43701**

Telephone No.: **(740) 453-0386**

Emergency Telephone No: **(740) 453-0386**

Date Prepared: **6/26/2001**

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous components: **None applicable**

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: **Not applicable**

Vapor Pressure: **Not applicable**

Vapor Density: **Not applicable**

Solubility in Water: **100%**

Specific Gravity: **Approx. 1.04 (Liquid and Frozen Egg Products)**

Density: **Approx. 26.6 lbs./ft³ (Dried Egg Products)**

Melting Point: **Not applicable**

Evaporation Rate: **Not applicable**

Appearance: **Yellow to orange in color; Odor typical of dried eggs**

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: **Non-Flammable**

Flammable Limits: **Not applicable**

Extinguishing Media: **Use extinguishing media appropriate for the surrounding fire.**

Special Fire Fighting Procedures: **Not applicable**

Unusual Fire/Explosion Hazards: **Not applicable**

SECTION 5 – REACTIVITY DATA

Stable: **Yes**

Conditions to avoid: **Not applicable**

Incompatibility: **Not applicable**

Hazardous Decomposition
By Products: **Spoiled egg products may create sulfur dioxide and/or
ammonia vapors.**

Hazardous Polymerization: **Not applicable**

MATERIAL SAFETY DATA SHEET

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Product identity: **“FORTEX” brand Dried Egg Blends – all types
(codes #4010 to #4050)**

SECTION 6 – HEALTH HAZARD DATA

Inhalation: **Avoid breathing dust or spray mist.**
Eyes: **Avoid contact with eyes.**
Skin: **Not applicable**
Ingestion: **Not applicable**
Health Hazards: **Not applicable**
Carcinogenicity: **Not applicable**
Signs and Symptoms
of Exposure: **Not applicable**
Medical Conditions **Persons with severe allergies may be sensitive to egg products,**
Aggravated By Exposure: **especially egg whites.**
Emergency and First Aid **Eyes: Immediately flush eyes with plenty of water for at least**
Procedures: **15 minutes.**

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal Method: **Spilled material may be discarded with other solid waste
without additional restrictions. Disposal into sanitary sewers
must be done in accordance with all applicable laws.**
Precautions To Be Taken In **Store according to recommendations on label. Product labeled**
Storage and Handling: **“FROZEN” must be stored at 0°F to 10°F until ready to thaw
for use. Product labeled “LIQUID” must be stored at 40°F or
below at all times. Do not refreeze egg products once thawed.
Do not exceed recommended shelf life. Do not allow material
to spoil inside an enclosed vessel.**

SECTION 8 – CONTROL MEASURES

Respiratory Protection: **Approved dust mask as required; exposure 15mg/m³ per
CFR 1910.1001.**
Ventilation: **Not applicable**
Protective Gloves: **Not applicable**
Eye Protection: **Safety goggles with all powdered product.**
Other Protective Clothing or
Equipment: **Not applicable**

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Product identity: **Liquid Whole Eggs (code #7520)**
 Frozen Whole Eggs (code #7150)

SECTION 1 – MANUFACTURER INFORMATION

Manufacturer: **Ballas Egg Products Corp.**
 40 North Second St.
 Zanesville, Ohio 43701

Telephone No.: **(740) 453-0386**
Emergency Telephone No: **(740) 453-0386**
Date Prepared: **6/26/2001**

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous components: **None applicable**

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: **Not applicable**
Vapor Pressure: **Not applicable**
Vapor Density: **Not applicable**
Solubility in Water: **100%**
Specific Gravity: **Approx. 1.04 (Liquid and Frozen Egg Products)**
Density: **Approx. 26.6 lbs./ft³ (Dried Egg Products)**
Melting Point: **Not applicable**
Evaporation Rate: **Not applicable**
Appearance: **Yellow to orange in color; Odor typical of eggs**

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: **Non-Flammable**
Flammable Limits: **Not applicable**
Extinguishing Media: **Use extinguishing media appropriate for the surrounding fire.**
Special Fire Fighting Procedures: **Not applicable**
Unusual Fire/Explosion Hazards: **Not applicable**

SECTION 5 – REACTIVITY DATA

Stable: **Yes**
Conditions to avoid: **Not applicable**
Incompatibility: **Not applicable**
Hazardous Decomposition By Products: **Spoiled egg products may create sulfur dioxide and/or ammonia vapors.**
Hazardous Polymerization: **Not applicable**

MATERIAL SAFETY DATA SHEET

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Product identity: **Liquid Whole Eggs (code #7520)**
Frozen Whole Eggs (code #7150)

SECTION 6 – HEALTH HAZARD DATA

Inhalation: **Avoid breathing dust or spray mist.**
Eyes: **Avoid contact with eyes.**
Skin: **Not applicable**
Ingestion: **Not applicable**
Health Hazards: **Not applicable**
Carcinogenicity: **Not applicable**
Signs and Symptoms
of Exposure: **Not applicable**
Medical Conditions **Persons with severe allergies may be sensitive to egg products,**
Aggravated By Exposure: **especially egg whites.**
Emergency and First Aid **Eyes: Immediately flush eyes with plenty of water for at least**
Procedures: **15 minutes.**

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal Method: **Spilled material may be discarded with other solid waste without additional restrictions. Disposal into sanitary sewers must be done in accordance with all applicable laws.**
Precautions To Be Taken In **Store according to recommendations on label. Product labeled**
Storage and Handling: **“FROZEN” must be stored at 0°F to 10°F until ready to thaw for use. Product labeled “LIQUID” must be stored at 40°F or below at all times. Do not refreeze egg products once thawed. Do not exceed recommended shelf life. Do not allow material to spoil inside an enclosed vessel.**

SECTION 8 – CONTROL MEASURES

Respiratory Protection: **Approved dust mask as required; exposure 15mg/m³ per CFR 1910.1001.**
Ventilation: **Not applicable**
Protective Gloves: **Not applicable**
Eye Protection: **Safety goggles with all powdered product.**
Other Protective Clothing or
Equipment: **Not applicable**

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Product identity: **Liquid Plain Yolks (code #5520)**
 Frozen Plain Yolks (code #5010)

SECTION 1 – MANUFACTURER INFORMATION

Manufacturer: **Ballas Egg Products Corp.**
 40 North Second St.
 Zanesville, Ohio 43701

Telephone No.: **(740) 453-0386**
Emergency Telephone No: **(740) 453-0386**
Date Prepared: **6/26/2001**

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous components: **None applicable**

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: **Not applicable**
Vapor Pressure: **Not applicable**
Vapor Density: **Not applicable**
Solubility in Water: **100%**
Specific Gravity: **Approx. 1.04 (Liquid and Frozen Egg Products)**
Density: **Approx. 26.6 lbs./ft³ (Dried Egg Products)**
Melting Point: **Not applicable**
Evaporation Rate: **Not applicable**
Appearance: **Yellow in color; Odor typical of eggs**

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: **Non-Flammable**
Flammable Limits: **Not applicable**
Extinguishing Media: **Use extinguishing media appropriate for the surrounding fire.**
Special Fire Fighting Procedures: **Not applicable**
Unusual Fire/Explosion Hazards: **Not applicable**

SECTION 5 – REACTIVITY DATA

Stable: **Yes**
Conditions to avoid: **Not applicable**
Incompatibility: **Not applicable**
Hazardous Decomposition **Spoiled egg products may create sulfur dioxide and/or**
 By Products: **ammonia vapors.**
Hazardous Polymerization: **Not applicable**

MATERIAL SAFETY DATA SHEET

Page 2 of 2

Product identity: **Liquid Plain Yolks (code #5520)**
 Frozen Plain Yolks (code #5010)

SECTION 6 – HEALTH HAZARD DATA

Inhalation: **Avoid breathing dust or spray mist.**
Eyes: **Avoid contact with eyes.**
Skin: **Not applicable**
Ingestion: **Not applicable**
Health Hazards: **Not applicable**
Carcinogenicity: **Not applicable**
Signs and Symptoms
of Exposure: **Not applicable**
Medical Conditions **Persons with severe allergies may be sensitive to egg products,**
Aggravated By Exposure: **especially egg whites.**
Emergency and First Aid
Procedures: **Eyes: Immediately flush eyes with plenty of water for at least**
 15 minutes.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal Method: **Spilled material may be discarded with other solid waste**
 without additional restrictions. Disposal into sanitary sewers
 must be done in accordance with all applicable laws.
Precautions To Be Taken In
Storage and Handling: **Store according to recommendations on label. Product labeled**
 “FROZEN” must be stored at 0°F to 10°F until ready to thaw
 for use. Product labeled “LIQUID” must be stored at 40°F or
 below at all times. Do not refreeze egg products once thawed.
 Do not exceed recommended shelf life. Do not allow material
 to spoil inside an enclosed vessel.

SECTION 8 – CONTROL MEASURES

Respiratory Protection: **Approved dust mask as required; exposure 15mg/m³ per**
 CFR 1910.1001.
Ventilation: **Not applicable**
Protective Gloves: **Not applicable**
Eye Protection: **Safety goggles with all powdered product.**
Other Protective Clothing or
Equipment: **Not applicable**

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Product identity: **Liquid Salted Egg Yolks (code #5260)**
 Frozen Salted Egg Yolks (code #5120)

SECTION 1 – MANUFACTURER INFORMATION

Manufacturer: **Ballas Egg Products Corp.**
 40 North Second St.
 Zanesville, Ohio 43701

Telephone No.: **(740) 453-0386**
Emergency Telephone No: **(740) 453-0386**
Date Prepared: **6/26/2001**

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous components: **None applicable**

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: **Not applicable**
Vapor Pressure: **Not applicable**
Vapor Density: **Not applicable**
Solubility in Water: **100%**
Specific Gravity: **Approx. 1.04 (Liquid and Frozen Egg Products)**
Density: **Approx. 26.6 lbs./ft³ (Dried Egg Products)**
Melting Point: **Not applicable**
Evaporation Rate: **Not applicable**
Appearance: **Yellow in color; Odor typical of eggs**

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: **Non-Flammable**
Flammable Limits: **Not applicable**
Extinguishing Media: **Use extinguishing media appropriate for the surrounding fire.**
Special Fire Fighting Procedures: **Not applicable**
Unusual Fire/Explosion Hazards: **Not applicable**

SECTION 5 – REACTIVITY DATA

Stable: **Yes**
Conditions to avoid: **Not applicable**
Incompatibility: **Not applicable**
Hazardous Decomposition By Products: **Spoiled egg products may create sulfur dioxide and/or ammonia vapors.**
Hazardous Polymerization: **Not applicable**

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Product identity: **Liquid Salted Egg Yolks (code #5260)**
Frozen Salted Egg Yolks (code #5120)

SECTION 6 – HEALTH HAZARD DATA

Inhalation: **Avoid breathing dust or spray mist.**
Eyes: **Avoid contact with eyes.**
Skin: **Not applicable**
Ingestion: **Not applicable**
Health Hazards: **Not applicable**
Carcinogenicity: **Not applicable**
Signs and Symptoms
of Exposure: **Not applicable**
Medical Conditions **Persons with severe allergies may be sensitive to egg products,**
Aggravated By Exposure: **especially egg whites.**
Emergency and First Aid **Eyes: Immediately flush eyes with plenty of water for at least**
Procedures: **15 minutes.**

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal Method: **Spilled material may be discarded with other solid waste without additional restrictions. Disposal into sanitary sewers must be done in accordance with all applicable laws.**
Precautions To Be Taken In **Store according to recommendations on label. Product labeled**
Storage and Handling: **“FROZEN” must be stored at 0°F to 10°F until ready to thaw for use. Product labeled “LIQUID” must be stored at 40°F or below at all times. Do not refreeze egg products once thawed. Do not exceed recommended shelf life. Do not allow material to spoil inside an enclosed vessel.**

SECTION 8 – CONTROL MEASURES

Respiratory Protection: **Approved dust mask as required; exposure 15mg/m³ per CFR 1910.1001.**
Ventilation: **Not applicable**
Protective Gloves: **Not applicable**
Eye Protection: **Safety goggles with all powdered product.**
Other Protective Clothing or
Equipment: **Not applicable**

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Product identity: **Liquid Sugared Egg Yolks (code #5540)**
 Frozen Sugared Egg Yolks (code #5420)

SECTION 1 – MANUFACTURER INFORMATION

Manufacturer: **Ballas Egg Products Corp.**
 40 North Second St.
 Zanesville, Ohio 43701

Telephone No.: **(740) 453-0386**
Emergency Telephone No: **(740) 453-0386**
Date Prepared: **6/26/2001**

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous components: **None applicable**

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: **Not applicable**
Vapor Pressure: **Not applicable**
Vapor Density: **Not applicable**
Solubility in Water: **100%**
Specific Gravity: **Approx. 1.04 (Liquid and Frozen Egg Products)**
Density: **Approx. 26.6 lbs./ft³ (Dried Egg Products)**
Melting Point: **Not applicable**
Evaporation Rate: **Not applicable**
Appearance: **Yellow in color; Odor typical of eggs**

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: **Non-Flammable**
Flammable Limits: **Not applicable**
Extinguishing Media: **Use extinguishing media appropriate for the surrounding fire.**
Special Fire Fighting Procedures: **Not applicable**
Unusual Fire/Explosion Hazards: **Not applicable**

SECTION 5 – REACTIVITY DATA

Stable: **Yes**
Conditions to avoid: **Not applicable**
Incompatibility: **Not applicable**
Hazardous Decomposition By Products: **Spoiled egg products may create sulfur dioxide and/or ammonia vapors.**
Hazardous Polymerization: **Not applicable**

MATERIAL SAFETY DATA SHEET

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Product identity: **Liquid Sugared Egg Yolks (code #5540)**
Frozen Sugared Egg Yolks (code #5420)

SECTION 6 – HEALTH HAZARD DATA

Inhalation: **Avoid breathing dust or spray mist.**
Eyes: **Avoid contact with eyes.**
Skin: **Not applicable**
Ingestion: **Not applicable**
Health Hazards: **Not applicable**
Carcinogenicity: **Not applicable**
Signs and Symptoms
of Exposure: **Not applicable**
Medical Conditions **Persons with severe allergies may be sensitive to egg products,**
Aggravated By Exposure: **especially egg whites.**
Emergency and First Aid **Eyes: Immediately flush eyes with plenty of water for at least**
Procedures: **15 minutes.**

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal Method: **Spilled material may be discarded with other solid waste without additional restrictions. Disposal into sanitary sewers must be done in accordance with all applicable laws.**
Precautions To Be Taken In **Store according to recommendations on label. Product labeled**
Storage and Handling: **“FROZEN” must be stored at 0°F to 10°F until ready to thaw for use. Product labeled “LIQUID” must be stored at 40°F or below at all times. Do not refreeze egg products once thawed. Do not exceed recommended shelf life. Do not allow material to spoil inside an enclosed vessel.**

SECTION 8 – CONTROL MEASURES

Respiratory Protection: **Approved dust mask as required; exposure 15mg/m³ per CFR 1910.1001.**
Ventilation: **Not applicable**
Protective Gloves: **Not applicable**
Eye Protection: **Safety goggles with all powdered product.**
Other Protective Clothing or
Equipment: **Not applicable**

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Last update: 12/16/06

MATERIAL SAFETY DATA SHEET

Page 1 of 2

Product identity: **Liquid Egg Whites (code #6520)**
 Frozen Egg Whites (code #6010, #6020, #6030)

SECTION 1 – MANUFACTURER INFORMATION

Manufacturer: **Ballas Egg Products Corp.**
 40 North Second St.
 Zanesville, Ohio 43701

Telephone No.: **(740) 453-0386**
Emergency Telephone No: **(740) 453-0386**
Date Prepared: **6/26/2001**

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous components: **None applicable**

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: **Not applicable**
Vapor Pressure: **Not applicable**
Vapor Density: **Not applicable**
Solubility in Water: **100%**
Specific Gravity: **Approx. 1.04 (Liquid and Frozen Egg Products)**
Density: **Approx. 26.6 lbs./ft³ (Dried Egg Products)**
Melting Point: **Not applicable**
Evaporation Rate: **Not applicable**
Appearance: **White to golden yellow in color; Odor typical of eggs**

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: **Non-Flammable**
Flammable Limits: **Not applicable**
Extinguishing Media: **Use extinguishing media appropriate for the surrounding fire.**
Special Fire Fighting Procedures: **Not applicable**
Unusual Fire/Explosion Hazards: **Not applicable**

SECTION 5 – REACTIVITY DATA

Stable: **Yes**
Conditions to avoid: **Not applicable**
Incompatibility: **Not applicable**
Hazardous Decomposition By Products: **Spoiled egg products may create sulfur dioxide and/or ammonia vapors.**
Hazardous Polymerization: **Not applicable**

MATERIAL SAFETY DATA SHEET

Page 2 of 2

Product identity: **Liquid Egg Whites (code #6520)**
Frozen Egg Whites (code #6010, #6020, #6030)

SECTION 6 – HEALTH HAZARD DATA

Inhalation: **Avoid breathing dust or spray mist.**
Eyes: **Avoid contact with eyes.**
Skin: **Not applicable**
Ingestion: **Not applicable**
Health Hazards: **Not applicable**
Carcinogenicity: **Not applicable**
Signs and Symptoms
of Exposure: **Not applicable**
Medical Conditions **Persons with severe allergies may be sensitive to egg products,**
Aggravated By Exposure: **especially egg whites.**
Emergency and First Aid **Eyes: Immediately flush eyes with plenty of water for at least**
Procedures: **15 minutes.**

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal Method: **Spilled material may be discarded with other solid waste without additional restrictions. Disposal into sanitary sewers must be done in accordance with all applicable laws.**
Precautions To Be Taken In **Store according to recommendations on label. Product labeled**
Storage and Handling: **“FROZEN” must be stored at 0°F to 10°F until ready to thaw for use. Product labeled “LIQUID” must be stored at 40°F or below at all times. Do not refreeze egg products once thawed. Do not exceed recommended shelf life. Do not allow material to spoil inside an enclosed vessel.**

SECTION 8 – CONTROL MEASURES

Respiratory Protection: **Approved dust mask as required; exposure 15mg/m³ per CFR 1910.1001.**
Ventilation: **Not applicable**
Protective Gloves: **Not applicable**
Eye Protection: **Safety goggles with all powdered product.**
Other Protective Clothing or
Equipment: **Not applicable**

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Last update: 3/31/10

MATERIAL SAFETY DATA SHEET

Page 1 of 2

Product identity: **Liquid Salted Whole Eggs (code #7530)**
 Frozen Salted Whole Eggs (code #7210)

SECTION 1 – MANUFACTURER INFORMATION

Manufacturer: **Ballas Egg Products Corp.**
 40 North Second St.
 Zanesville, Ohio 43701

Telephone No.: **(740) 453-0386**
Emergency Telephone No: **(740) 453-0386**
Date Prepared: **6/26/2001**

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous components: **None applicable**

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: **Not applicable**
Vapor Pressure: **Not applicable**
Vapor Density: **Not applicable**
Solubility in Water: **100%**
Specific Gravity: **Approx. 1.04 (Liquid and Frozen Egg Products)**
Density: **Approx. 26.6 lbs./ft³ (Dried Egg Products)**
Melting Point: **Not applicable**
Evaporation Rate: **Not applicable**
Appearance: **Yellow to orange in color; Odor typical of eggs**

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: **Non-Flammable**
Flammable Limits: **Not applicable**
Extinguishing Media: **Use extinguishing media appropriate for the surrounding fire.**
Special Fire Fighting Procedures: **Not applicable**
Unusual Fire/Explosion Hazards: **Not applicable**

SECTION 5 – REACTIVITY DATA

Stable: **Yes**
Conditions to avoid: **Not applicable**
Incompatibility: **Not applicable**
Hazardous Decomposition By Products: **Spoiled egg products may create sulfur dioxide and/or ammonia vapors.**
Hazardous Polymerization: **Not applicable**

MATERIAL SAFETY DATA SHEET

Page 2 of 2

Product identity: **Liquid Salted Whole Eggs (code #7530)**
Frozen Salted Whole Eggs (code #7210)

SECTION 6 – HEALTH HAZARD DATA

Inhalation: **Avoid breathing dust or spray mist.**
Eyes: **Avoid contact with eyes.**
Skin: **Not applicable**
Ingestion: **Not applicable**
Health Hazards: **Not applicable**
Carcinogenicity: **Not applicable**
Signs and Symptoms
of Exposure: **Not applicable**
Medical Conditions **Persons with severe allergies may be sensitive to egg products,**
Aggravated By Exposure: **especially egg whites.**
Emergency and First Aid **Eyes: Immediately flush eyes with plenty of water for at least**
Procedures: **15 minutes.**

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal Method: **Spilled material may be discarded with other solid waste without additional restrictions. Disposal into sanitary sewers must be done in accordance with all applicable laws.**
Precautions To Be Taken In **Store according to recommendations on label. Product labeled**
Storage and Handling: **“FROZEN” must be stored at 0°F to 10°F until ready to thaw for use. Product labeled “LIQUID” must be stored at 40°F or below at all times. Do not refreeze egg products once thawed. Do not exceed recommended shelf life. Do not allow material to spoil inside an enclosed vessel.**

SECTION 8 – CONTROL MEASURES

Respiratory Protection: **Approved dust mask as required; exposure 15mg/m³ per CFR 1910.1001.**
Ventilation: **Not applicable**
Protective Gloves: **Not applicable**
Eye Protection: **Safety goggles with all powdered product.**
Other Protective Clothing or
Equipment: **Not applicable**

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Last update: 12/16/06

MATERIAL SAFETY DATA SHEET

Page 1 of 2

Product identity: **Liquid Salted Egg Blend (code #8520)**

SECTION 1 – MANUFACTURER INFORMATION

Manufacturer: **Ballas Egg Products Corp.
40 North Second St.
Zanesville, Ohio 43701**

Telephone No.: **(740) 453-0386**

Emergency Telephone No: **(740) 453-0386**

Date Prepared: **6/26/2001**

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous components: **None applicable**

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: **Not applicable**

Vapor Pressure: **Not applicable**

Vapor Density: **Not applicable**

Solubility in Water: **100%**

Specific Gravity: **Approx. 1.04 (Liquid and Frozen Egg Products)**

Density: **Approx. 26.6 lbs./ft³ (Dried Egg Products)**

Melting Point: **Not applicable**

Evaporation Rate: **Not applicable**

Appearance: **Yellow to orange in color; Odor typical of eggs**

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: **Non-Flammable**

Flammable Limits: **Not applicable**

Extinguishing Media: **Use extinguishing media appropriate for the surrounding fire.**

Special Fire Fighting Procedures: **Not applicable**

Unusual Fire/Explosion Hazards: **Not applicable**

SECTION 5 – REACTIVITY DATA

Stable: **Yes**

Conditions to avoid: **Not applicable**

Incompatibility: **Not applicable**

Hazardous Decomposition
By Products: **Spoiled egg products may create sulfur dioxide and/or
ammonia vapors.**

Hazardous Polymerization: **Not applicable**

MATERIAL SAFETY DATA SHEET

Page 2 of 2

Product identity: **Liquid Salted Egg Blend (code #8520)**

SECTION 6 – HEALTH HAZARD DATA

Inhalation: **Avoid breathing dust or spray mist.**
Eyes: **Avoid contact with eyes.**
Skin: **Not applicable**
Ingestion: **Not applicable**
Health Hazards: **Not applicable**
Carcinogenicity: **Not applicable**
Signs and Symptoms
of Exposure: **Not applicable**
Medical Conditions
Aggravated By Exposure: **Persons with severe allergies may be sensitive to egg products,
especially egg whites.**
Emergency and First Aid
Procedures: **Eyes: Immediately flush eyes with plenty of water for at least
15 minutes.**

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal Method: **Spilled material may be discarded with other solid waste
without additional restrictions. Disposal into sanitary sewers
must be done in accordance with all applicable laws.**
Precautions To Be Taken In
Storage and Handling: **Store according to recommendations on label. Product labeled
“FROZEN” must be stored at 0°F to 10°F until ready to thaw
for use. Product labeled “LIQUID” must be stored at 40°F or
below at all times. Do not refreeze egg products once thawed.
Do not exceed recommended shelf life. Do not allow material
to spoil inside an enclosed vessel.**

SECTION 8 – CONTROL MEASURES

Respiratory Protection: **Approved dust mask as required; exposure 15mg/m³ per
CFR 1910.1001.**
Ventilation: **Not applicable**
Protective Gloves: **Not applicable**
Eye Protection: **Safety goggles with all powdered product.**
Other Protective Clothing or
Equipment: **Not applicable**

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Last update: 12/16/06

MATERIAL SAFETY DATA SHEET

Page 1 of 2

Product identity: **Dried Egg Shells**

SECTION 1 – MANUFACTURER INFORMATION

Manufacturer: **Ballas Egg Products Corp.
40 North Second St.
Zanesville, Ohio 43701**

Telephone No.: **(740) 453-0386**

Emergency Telephone No: **(740) 453-0386**

Date Prepared: **8/10/2004**

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous components: **None applicable**

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

Solubility in Water: **Not applicable**

Density: **Approx. 40 lbs./ft³**

Melting Point: **Not applicable**

Appearance: **Granular particles, mostly white to tan in color. Slight odor from drying or burnt protein.**

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: **Non-Flammable**

Flammable Limits: **Not applicable**

Extinguishing Media: **Use extinguishing media appropriate for the surrounding fire.**

Special Fire Fighting Procedures: **Not applicable**

Unusual Fire/Explosion Hazards: **Not applicable**

SECTION 5 – REACTIVITY DATA

Stable: **Yes**

Conditions to avoid: **Avoid damp or wet storage locations. Material may spoil or decompose if exposed to moisture.**

Incompatibility: **Not applicable**

Hazardous Decomposition
By Products: **Dried egg shells may contain residue for liquid egg. Dried egg shells do contain the membrane from the egg shell. Spoiled egg products may create sulfur dioxide and/or ammonia vapors.**

Hazardous Polymerization: **Not applicable**

MATERIAL SAFETY DATA SHEET

Page 2 of 2

Product identity: **Dried Egg Shells**

SECTION 6 – HEALTH HAZARD DATA

Inhalation: **Avoid breathing dust or spray mist.**
Eyes: **Avoid contact with eyes.**
Skin: **Not applicable**
Ingestion: **Not applicable**
Health Hazards: **Not applicable**
Carcinogenicity: **Not applicable**
Signs and Symptoms
of Exposure: **Not applicable**
Medical Conditions
Aggravated By Exposure: **Persons with severe allergies may be sensitive to egg products,
especially egg whites.**
Emergency and First Aid
Procedures: **Eyes: Immediately flush eyes with plenty of water for at least
15 minutes.**

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal Method: **Spilled material may be discarded with other solid waste
without additional restrictions. Disposal into sanitary sewers
must be done in accordance with all applicable laws.**
Precautions To Be Taken In
Storage and Handling: **Keep material dry to avoid decomposition or spoilage.**

SECTION 8 – CONTROL MEASURES

Respiratory Protection: **Approved dust mask as required; exposure 15mg/m³ per
CFR 1910.1001.**
Ventilation: **Not applicable**
Protective Gloves: **Not applicable**
Eye Protection: **Safety goggles with all powdered product.**
Other Protective Clothing or
Equipment: **Not applicable**

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