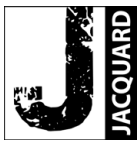


SAFETY DATA SHEET (SDS)



Jacquard Products
Manufactured by Rupert, Gibbon & Spider, Inc.
P.O. Box 425 | Healdsburg, CA 95448
800.442.0455 | Fax: 707.433.4906
www.jacquardproducts.com

Revision Date: 01/21/2021

This SDS Sheet covers the following Jacquard products:

Item Number:	Item Name:
JSD9000	SolarFast Starter Kit

These products contain the following components:

Item Number:	Item Name:	SDS Page Reference:
100-113 (ALL COLORS)	SolarFast Dye	SolarFast Dye Pages 1-4
JSD1902 / JSD2902 / JSD5902	SolarFast Wash	SolarFast Wash Pages 1-8

SAFETY DATA SHEET

10/8/2015

SolarFast Dyes by Jacquard Products

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1. Identification of The Preparation and of The Company

Product Name and/or code: SolarFast Dyes - 14 Colors: 100 Golden Yellow, 101 Orange, 102 Burnt Orange, 103 Scarlet, 104 Red, 105 Violet, 106 Purple, 107 Blue, 108 Teal, 109 Green, 110 Avocado, 111 Sepia, 112 Brown & 113 Black

Revision Date: 10/08/2015

Manufacturer: Rupert, Gibbon & Spider, Inc.
1147 Healdsburg Avenue
Healdsburg, CA 95448 USA
Tel: +1-707-433-9577

Emergency Contact: **Chemtrec** - 1-800-262-8200 (within the USA) | +1 703-741-5500 (from anywhere in the world)
Product Use: Arts & Crafts Materials

2. Hazards Identification

Classification of the Product: Preparation is not classified as hazardous in directive 1999/45/EC.

Regulation (EC) No. 1272/2008 Not classified as dangerous for supply/use.

Directive 67/548/EEC & Directive 1999/45/EC Not classified as dangerous for supply/use.

Label Elements

Precaution Statement: CAUTION! Contains mildly alkaline solution. Avoid eye and skin contact. Don't drink.

First Aid Statement: If contact occurs, flush the area with water. If swallowed, contact a physician or Medical provider.

Children's Statement: Keep out of reach of children.

Other Hazards: None

2. Composition/Information on Ingredients:

Substances: Colored Pigments. No hazardous ingredients present.

EC Classification No. 1272/2008

Hazardous Ingredient(s)	% W/W	REACH Registration No.	Hazard Statement(s)
None			

EC Classification No. 67/548/EEC

Hazardous Ingredient(s)	% W/W	REACH Registration No.	Hazard Statement(s)
None			

SAFETY DATA SHEET

SolarFast Dyes by Jacquard Products

10/8/2015

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3. First Aid Measures

General	In all cases where exposure occurs, or when symptoms and signs occur, seek medical attention.
Inhalation	Remove to fresh air. If breathing difficulty occurs or discomfort occurs and persists, seek medical attention.
Skin Contact	Wash immediately with soap and water. Rinse thoroughly.
Eye Contact	Flush the area with water, lifting the upper and lower lids until no evidence of product remains. Get medical attention.
Ingestion	Consult a physician if necessary. Never induce vomiting except as directed by competent medical authority.

5. Fire-fighting Measures

Flammability of the Product: N/A

Auto-Ignition Temperature: Non-ignitable

Flash Points: Non-combustible

6. Accidental Release Measures

Personal Precautions	Ventilate the area. Use personal protective equipment. Refer to section 8.
Methods and Materials for Containment and Cleaning up	Collect with suitable HEPA vacuum and dispose of in accordance with the waste disposal method outlined in section 13, "Disposal Considerations."

7. Handling and Storage

Safe Handling	General hygiene measures for the handling of chemicals are applicable. Eating, drinking, smoking, as well as food storage in the work room is not recommended. Avoid unnecessary contact.
Storage	Store in dry place, away from excessive heat, in original or similar container.

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SolarFast Dyes by Jacquard Products

10/8/2015

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8. Exposure Controls/Personal Protection

Engineering Controls Local exhaust or general dilution ventilation should be sufficient for most conditions.

Personal Protective Equipment

Eyes and Face Wear protective eye-goggles to avoid contact with eyes.

Respiratory Whenever inhalation cannot be controlled with ventilation or other engineering means, workers should wear respirators approved by NIOSH/MSHA, EUCEN or a comparable certification organization.

Protective clothing No special clothing is required.

9. Physical and Chemical Properties

Appearance A variety of colors

State (pH) +/- 10.2

Viscosity Not known

Flashpoint Not Flammable

Solubility in water Soluble

10. Stability and Reactivity

Chemical Stability Stable under normal conditions.

Thermal Decomposition No thermal decomposition when stored and handled correctly.

Hazardous Decomposition Products None known

11. Toxicological Information

There are no data available on the preparation itself. The following is based on the Ingredients:

Eye Effects May cause irritation

Skin Effects May cause Irritation

Sensitization None likely to occur

Carcinogenicity:

NTP No

IARC No

OSHA No

12. Ecological Information

There are no data available on the preparation itself. However it is not expected to have significant environmental effects. No significant effects on aquatic organisms are expected when diluted.

13. Disposal Considerations

No special disposal methods are suggested. It is the user's responsibility to comply with all applicable local, state, and federal laws, rules, regulation and standards. Handle as a non-hazardous material.

SAFETY DATA SHEET

SolarFast Dyes by Jacquard Products

10/8/2015

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14. Transport Information

DOT: Not-Regulated

IMDG: Not-Regulated

IATA/ICAO: Not-Regulated

15. Regulatory Information

TSCA: The components of this product are listed on the TSCA Inventory.

SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

SARA 312: Pure (100%) components of this product in powdered form (Dyes) are listed as an immediate (acute) health hazard. California Proposition 65: This product does not contain any chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm at concentrations that trigger the warning requirements of California Proposition 65.

This product is not subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC.

16. Other Information

Reason for Issue: New Product
Prepared by: **Rupert Gibbon & Spider, Inc.**
1147 Healdsburg Rd
Healdsburg, CA 95448
800-442-0455 / +1-707-433-9577

Important: While the descriptions, designs, data and Information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by Rupert, Gibbon & Spider, Inc. hereunder are given free and Rupert, Gibbon & Spider, Inc. assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given at no charge and accepted at your risk.

SAFETY DATA SHEET (SDS)



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SolarFast Wash - Pg 1

Revision Date: 02/28/2018

SECTION 1 - CHEMICAL, PRODUCT & COMPANY INFORMATION

Product Name:	SOLARFAST WASH	
Product Number/Code:	902	
Recommended Use:	Textile detergent	
Restrictions on use:	None known	
Manufacturer:	Rupert, Gibbon & Spider, Inc. 1147 Healdsburg Ave. Healdsburg, CA 95448 1-800-442-0455 / 707-433-9577	
Emergency Number:	ChemTel, Inc. - Contract #MIS9128344	
	North America: 1-800-255-3924	International: 1-813-248-0585

SECTION 2 - HAZARD(S) IDENTIFICATION

This product is not considered to be or contain hazardous chemicals based on evaluations made by our company under the OSHA Hazard Communication Standard, reference 29 CFR 1910.1200.

Toxicological Data on Ingredients:

Hazard Classification		
Physical Hazards:	Not applicable	
Health Hazards:	Eye Irritant	Category 2B
	Skin Irritant	Category 3
	Oral Toxicity	Category 5
	Skin Sensitizer	Category 1B
Environmental Hazards:	None known	

Label Elements

Pictogram:	
Signal Words:	Warning
Hazard Statements-EU:	H315 Causes mild skin irritation. H320 Causes eye irritation. H303 May be harmful if swallowed. H412 Harmful to aquatic life with long-lasting effects.

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Precautionary Statements-EU:	
Prevention:	P264: Wash face, hands, and any exposed skin thoroughly after handling. P280: Wear protective gloves/ protective clothing/eye protection/face protection. P270: Do not eat, drink, or smoke when using this product. P260: Do not breath dust/fume/gas/mist/vapors/spray.
Response:	P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/attention. P302 + P352 IF ON SKIN: Wash with plenty of soap and water for 15 minutes. P332 + P313 If skin irritation occurs: Get medical advice/attention. P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.
Storage:	P273: Avoid release to the environment.
Disposal:	P501: Dispose of contents/container in accordance with local/regional/international regulations.
Hazard(s) not otherwise classified:	None known

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical identity	Content in percent (%)*	CAS #	EINECS No.
Proprietary textile mixture - Eye irritant - May be harmful if swallowed.	100%	--	--
<i>The exact percentages and composition has been withheld as a trade secret.</i>			

SECTION 4 - FIRST AID MEASURES

Description of first aid measures:	
General information:	Immediately remove all contaminated clothing.
In the event of skin contact:	Remove all contaminated clothing immediately. Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.
In the event of eye contact:	Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.
In the event of swallowing:	Induce vomiting by giving 2 glasses of water and place finger down throat. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.
In the event of exposure by inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.
Most important symptoms and effects, acute and delayed:	The most significant symptoms and effects are described in the labeling (see section 2) and/or in section 11.
Indication of any symptoms and effects, both acute and delayed:	No data available.

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SECTION 5 - FIREFIGHTING MEASURES

Extinguishing media:	CO ₂ , Dry Chemical, Foam, Water, Fog
Special fire fighting procedures/unusual fire or explosion hazards:	Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritating fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area & any entry. Stay upwind, out of low areas, and ventilate closed spaces before entering.
Additional information:	Avoid dusting conditions. May form explosive dust mixtures with air.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Methods and material for containment and clean up:	Do not empty into drains or waters. Do not touch or walk through the spilled material: stop leak if you can do it without risk. Take up with sand or other non-combustible absorbent material or suitable vacuum and place into labeled sealable containers.
Reference to other sections:	For further disposal measures see section 13.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:	In accord with good industrial practice. Handle with care and avoid personal contact.
Conditions for safe storage including any incompatibilities:	Keep container protected from direct sunlight in a dry, cool and in a well-ventilated area. Keep the container tightly sealed and away from any incompatible materials (see section 10).

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:	
Exposure controls:	Use local ventilation.
Appropriate engineering controls:	Handle with good industrial practices and industrial hygiene. Wash hands after use.
Individual protection measures, such as personal protective equipment:	
Eye/face protection:	Employees should wear protective eye-goggles with side protection shield.
Skin protection:	Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves e.g. of PVC or nitrile rubber, and boots are recommended. Additional protections such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work. Keep away from food and drink stuffs.
Respiratory protection:	Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.
Other protective equipment:	Wear overalls, apron or other protective clothing.
General protective measures:	Avoid contact with eyes and skin. Immediately remove all contaminated clothing.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:	
Appearance and physical state:	Liquid
Color:	Yellow
Type of Odor:	Characteristic odor
Odor threshold:	N/D
Important health, safety and environmental information:	
Initial Boiling Point and Boiling Range:	N/D
Melting Point/Freezing Point:	N/D
Flammability Classification:	Non-combustible
Flash Point:	>212 °F / 100 °C
Auto-ignition Temperature:	N/D
Decomposition Temperature:	N/D
Flammability Limits (lower/upper):	N/A
Evaporation rate:	N/D
Vapor Pressure:	N/D
Vapor Density (Air=1):	N/D
Octanol/Water Partition Coefficient (log Pow):	N/D
Specific Gravity:	1.04
Bulk Density:	N/A
Water Solubility:	Dispersible
pH:	N/D
Viscosity:	N/D
Explosive Properties:	N/A
Oxidizing Properties:	N/A
Molecular Formula:	N/A
Molecular Weight:	N/A
Relative Density:	N/A
UEL	N/D
LEL	N/D
% Volatile Value:	N/D

SECTION 10 - STABILITY AND REACTIVITY

Thermal decomposition:	N/D
Reactivity:	Will not occur
Stability:	Stable
Possibility of hazardous reactions:	None expected
Conditions to avoid:	N/D
Incompatible materials:	Strong oxidizing agents
Hazardous decomposition products:	CO ₂ , CO, Sulfur oxides, Nitrogen oxides

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SECTION 11 - TOXICOLOGICAL INFORMATION

Information on toxicological effects:	
Acute toxicity (list all possible routes of exposure)	
Acute Oral Toxicity:	No data - LD50 Animal toxicity oral (Ingestion) No data - LC50 Fish
Skin Corrosion/irritation:	No data
Serious Eye Damage / Eye Irritation:	No data
Respiratory or Skin Sensitization:	Not expected
Primary Route of Exposure:	
Inhalation:	No
Skin Absorption:	No
Ingestion:	Yes
Skin Contact:	Yes
Eye Contact:	Yes
Carcinogenicity (IARC, NTP, OSHA):	No
Potential Health Effects:	
Skin Contact:	Prolonged skin contact may cause irritation.
Eye Contact:	Irritating to the eyes.
Ingestion:	Ingestion may cause nausea, vomiting, or diarrhea.
Inhalation:	Inhalation may cause irritation of the nose, throat, and upper respiratory tract.
Effects of Overexposure:	None known
Medical Conditions Aggravated:	Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.

SECTION 12 - ECOLOGICAL INFORMATION

Biodegradability:	N/D
Bacteria Toxicity:	N/D
COD:	N/D
AOX:	N/D

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SECTION 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods:	
Disposal:	If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, state and local environmental regulations, e.g. by incineration in a suitable plant.
Container Disposal:	Soiled, empty containers are to be treated in the same way as the contents.

SECTION 14 - TRANSPORT INFORMATION

General Information:	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).
UN number:	Not relevant
UN proper shipping name:	Not relevant
Transport hazard class:	Not relevant
Packing group:	Not relevant
Environmental Hazards:	
Environmentally hazardous substance:	No
Special precautions for user:	Not relevant

SECTION 15 - REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:		
US Regulations:		
TSCA:	The components of this product are listed on the TSCA Inventory	
SARA 313:	This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.	
SARA 312:	Immediate (acute) health hazard:	Yes
	Delayed (chronic) health hazard:	No
	Fire hazard:	No
	Sudden Release of Pressure:	No
	Reactivity:	No
California Proposition 65:	This product does not contain any components currently on the California List of Known Carcinogens and reproductive Toxins.	

SECTION 16 - OTHER INFORMATION

HMIS Hazard ID:	
Health:	1
Flammability:	1
Reactivity:	0
Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *Chronic health effect	

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Disclaimer:

The information contained in this SDS is based on data from sources considered to be reliable but Rupert, Gibbon & Spider, Inc. does not guarantee the accuracy or completeness thereof. Rupert, Gibbon & Spider, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire and understand the data in this SDS.

Revision Date: 02/28/2018

National Chemical Inventories:	
All components of this product are listed on the following chemical substance inventories: TSCA (USA)	
DSL	(Canada)
EINECS	(Europe)
ENCS	(Japan) ECL
	(Korea)
AICS	(Australia) NZIoC
	(New Zealand)
PICCS	(Philippines)
IECSC	(China)

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Abbreviations:	
ACGIH	American Conference of Governmental Industrial Hygienists
ADR	International carriage of Dangerous goods by Road
AICS	Australian Inventory of Chemical Substances
ATE	Acute Toxicity Estimate
BfR	Bundesinstitut für Risikobewertung recommendations for food contact materials
BCF	Bioconcentration Factor
BOD5	5-day Biochemical Oxygen Demand
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CLP	Classification, Labeling and Packaging regulation
COD	Chemical Oxygen Demand DOT Department of Transportation DSL Domestic Substances List
EINECS	European Inventory of Existing Chemical Substances
ECL	Existing Chemicals List (Korea)
ENCS	Existing and New Chemical Substances Inventory (Japan)
EN 689	Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy.
ERG	Emergency Response Guide
GHS	Globally Harmonized System
HMIS	Hazardous Materials Information System IARC International Agency for Research on Cancer IATA International Air Transport Association
ICAO	International Civil Aviation Organization IDLH Immediately Dangerous to Life and Health IMDG International Maritime Dangerous Goods
LD50	Lethal Dose to 50% of test animal population
MAK	Maximale Arbeitsplatz Konzentration
NTP	National Toxicology Program
OEL	Occupational Exposure Limit
OSHA	Occupational Safety & Health Administration
PBT	Persistent, Bioaccumulative and Toxic vPvB Very Persistent and Very Bioaccumulative PEL Permissible exposure limit
PICCS	Philippine Inventory of Commercial Chemical Substances
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemical Substances
RID	International carriage of dangerous goods by Rail SARA Superfund Amendments and Reauthorization Act STEL Short Term Exposure Limit
SVHC	Substance of Very High Concern
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
VOC	Volatile Organic Compound
WGK	Wassergefährdungsklasse (Water Hazard Class) WHMIS Workplace Hazardous Material Identification System