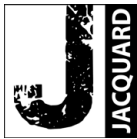


SAFETY DATA SHEET (SDS)



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: 05/21/2021

This SDS Sheet covers the following Jacquard products:

Item Number:	Item Name:
JAC9515, JAC9525	Jagua Temporary Tattoo Kit

These products contain the following components:

Item Number:	Item Name:	SDS Page Reference:
JAG0001, JAG0008, JAG0016	Jagua - Pre-mixed	Jagua - Pre-mixed Pages 1-8
EUC0004	Eucalyptus Oil	Eucalyptus Oil Pages 1-9
Transfer Cream	Transfer Cream	Transfer Cream Pages 1-7

SAFETY DATA SHEET (SDS)



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Jagua Powder (Pre-Mixed) - Pg 1

Revision Date: 03/05/2018

SECTION 1 - CHEMICAL, PRODUCT & COMPANY INFORMATION

Product Name:	JAGUA POWDER (PRE-MIXED)	
Product Number/Code:	JAG0001, JAG0008, JAG0016	
Recommended Use:	Ingredient for body art	
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	Not hazardous
Physical Hazards:	Not classified
Health Hazards:	Not classified
	Not classified
Environmental Hazards:	Not classified
Label Elements	
Pictogram:	None
Signal Words:	None
Hazard Statements-EU:	The mixture does not meet the criteria for classification.
Precautionary Statements-EU:	
Routes of exposure:	INHALATION of powder/dust. EYE or SKIN contact with the product, powder/dust.
Effects of overexposure:	EYES: Irritation. SKIN: None expected. INHALATION: Irritation of the upper respiratory system. INGESTION: None expected.
Signs and symptoms of overexposure:	Redness and itching or burning sensation may indicate eye or excessive skin exposure.
Medical Conditions aggravated by exposure:	None generally recognized.
Cancer information:	For complete discussion of toxicology data refer to Section 11.

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SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical identity	Content in percent (%)*	CAS #
Evaporated fruit juice of <i>Genipa americana</i>	55-85%	N/A
Cane Sugar	15-35%	57-50-1
Xanthan Gum	3-14%	11138-66-2
Citric Acid	0.1-1.5%	77-92-9

The exact ingredient percentages of non-hazardous components have been withheld as a trade secret. No ingredients in this product are hazardous as defined by the Department of Labor. This mixture is not classified as a hazardous substance.

SECTION 4 - FIRST AID MEASURES

Description of first aid measures:	
In the event of skin contact:	In general product is not skin-irritating. Wash skin with soap and water. If irritation persists, seek medical attention.
In the event of eye contact:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
In the event of swallowing:	No special measures required. In the event of unintentional swallowing, do not force vomiting. Seek medical attention if necessary, showing the label.
In the event of exposure by inhalation:	Usual measure required. Move to fresh air. Seek medical advice if necessary.
Most important symptoms and effects, acute and delayed:	No symptoms known.
Indication of any immediate medical attention and special treatment needed:	No special measures required. A medical examination is not necessary.

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SECTION 5 - FIREFIGHTING MEASURES

Flash point:	Not applicable
LEL	Not applicable
UEL	Not applicable
Flammability classification:	Not applicable
Extinguishing media:	Carbon Dioxide, Dry Chemical, Alcohol Foam
Fire and explosion protection:	This product is made up of inflammable material with low risk. The product may only form ignitable mixtures or burn only upon heating above the flash point.
Protective equipment:	Keep away from sources of ignition. Do not smoke. Respiratory and eye protection required for fire crews when exposed to smoke or fumes.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Ensure adequate ventilation.
Methods and material for containment and clean up:	Clean up mechanically. Avoid dust formation.
Environmental procedures:	No special measures required.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:	Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid dust formation.
Conditions for safe storage including any incompatibilities:	Store the product a well-ventilated environment, protect from direct sunlight, in a cool, dry place.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:	
Occupational exposure limits:	No special measures required.
Individual protection measures, such as personal protective equipment:	
Eye/face protection:	Protective glasses
Skin protection:	Use usual individual protective equipment.
Hand protection:	Gloves
Respiratory protection:	Do not inhale dust. Protective mask in case of formation of dust.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:	
Appearance and physical state:	Powder
Color:	Blueish-black
Type of Odor:	Plant matter
Odor threshold:	Not determined
Important health, safety and environmental information:	
Initial Boiling Point and Boiling Range:	Not available
Melting Point/Freezing Point:	Not available
Flammability Classification:	Not available
Flash Point:	Not available
Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available
Flammability Limits (lower/upper):	Not available
Evaporation rate:	Not available
Vapor Pressure:	Not available
Vapor Density (Air=1):	Not available
Evaporation Rate (BuAc=1):	Not available
Octanol/Water Partition Coefficient (log Pow):	Not available
Water Solubility:	Partially soluble in water
pH:	Not available
Viscosity:	Not available
Relative Density:	Not available

SECTION 10 - STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	Keep away from open flames.
Hazardous decomposition products:	No significant hazardous reaction known.
Hazardous polymerization:	Will not occur.

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SECTION 11 - TOXICOLOGICAL INFORMATION

Information on toxicological effects:	
Acute toxicity (list all possible routes of exposure)	
Acute Toxicity:	In compliance with generally accepted uses and quantities no negative impacts are to be expected.
LDSO Oral Toxicity:	Not determined
LDSO Dermal Toxicity:	Not determined
LCSO:	Not determined
Skin Corrosion/Irritation:	In compliance with generally accepted uses and quantities no negative impacts are to be expected.
Serious Eye Damage / Eye Irritation:	In compliance with generally accepted uses and quantities no negative impacts are to be expected.
Respiratory or Skin Sensitization:	In compliance with generally accepted uses and quantities no negative impacts are to be expected. Deep inhalation may cause respiratory troubles such as watering, sneezing, irritation.
Germ Cell Mutagenicity:	There is not expected negative impact.
Carcinogenicity:	There is not expected negative impact.
Reproductive toxicity:	There is not expected negative impact.
Specific Target Organ Toxicity - single exposure (STOT-se):	No information available
Specific Target Organ Toxicity - repeated exposure (STOT-re):	No information available
Aspiration Hazard:	No information available
Potential Health Effects:	
Skin Contact:	There is not expected negative impact.
Eye Contact:	There is not expected negative impact.
Ingestion:	There is not expected negative impact.
Inhalation:	There is not expected negative impact.

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity:	
Ecotoxicity:	Nothing to report. Natural product. Environmentally not hazardous.
Mobility in soil:	Passive natural product
Degradability:	Biologically well degradable
Bioaccumulation potential:	Nothing to report
Various harmful effects:	Nothing to report

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods:	
Disposal:	Collect and dispose of waste product in conformity with local disposal regulations. Is a natural biodegradable product.

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SECTION 14 - TRANSPORT INFORMATION

General recommendations:	Not classified as a dangerous good under transport regulations. Protect against humidity.
US Ground (DOT):	Not Regulated for Transportation.
Canada (TDG):	Not Regulated for Transportation.
IMO:	Not Regulated for Transportation.
IATA/ICAO:	Not Regulated for Transportation.

SECTION 15 - REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:	
SARA 312	
Delayed (chronic) health hazard:	No
Fire hazard:	No
Sudden Release of Pressure:	No
Reactivity:	No
Section 355 (Extremely hazardous substances):	Substance is not listed.
TSCA (Toxic Substances Control Act):	Substance is listed.
Proposition 65 (California) Chemicals known to cause cancer	Substance is not listed.
Chemicals known to cause reproductive toxicity for females:	Substance is not listed.
Chemicals known to cause reproductive toxicity for males:	Substance is not listed.
Chemicals known to cause developmental toxicity:	Substance is not listed.
Carcinogenic categories EPA (Environmental Protection Agency):	Substance is not listed.
IARC (International Agency for Research on Cancer):	Substance is not listed.
TLV (Threshold Limit Value established by ACGIH):	Substance is not listed.
NIOSH-Ca (National Institute for Occupational Safety and Health):	Substance is not listed.
EU Classification:	Not subject to classification according to CLP Regulation (EC) No. 1272/2008.
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.	

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SECTION 16 - OTHER INFORMATION

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

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: 03/05/2018

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

SAFETY DATA SHEET (SDS)



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Eucalyptus Oil - Pg 1

Revision Date: 09/25/2018

SECTION 1 - CHEMICAL, PRODUCT & COMPANY INFORMATION

Product Name:	EUCALYPTUS OIL	
Product Number/Code:	EUC0004	
Recommended Use:	For body art applications	
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 under the OSHA Hazard Communication Standard, reference 29 CFR 1910.1200.		
Toxicological Data on Ingredients:		
Hazard Classification		
Physical Hazards:	Flammable Liquid	Category 3
Health Hazards:	Skin Irritant	Category 2
	Skin Sensitization	Category 1
	Aspiration Hazard	Category 1
Environmental Hazards:	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, chronic hazard	Category 2
Label Elements		
Pictogram:		
Signal Words:	DANGER	
Hazard Statements-EU:	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H400 Very toxic to aquatic life. H401 Toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.	

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Precautionary Statements-EU:	
Prevention:	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground/Bond container and receiving equipment. P241 Explosion-free electrical equipment and lighting with earth. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P272 Contaminated work clothing must not be allowed out of the workplace. P273 Avoid release into the environment. P280 Wear protective gloves/protective clothing/eye protection.
Response:	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P302+352 IF ON SKIN: Wash with plenty of soap and water. P303+P361+P353 IF ON SKIN(or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P321 Specific treatment (see supplemental first aid instruction on product label). P331 Do NOT induce vomiting. P332+313 If skin irritation occurs: Get medical advice/attention. P333+313 If skin irritation or rash occurs: Get medical advice/attention. P362 +P364 Take off contaminated clothing and wash it before reuse. P363 Wash contaminated clothing before reuse. P370+P378 In case of fire: use media other than water to extinguish.
Storage:	P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.
Disposal:	P391 Collect spillage. P501 Dispose in a safe manner in accordance with local/national regulations.
Hazard(s) not otherwise classified:	No additional information available.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical identity	Content in percent (%)*	CAS #	GHS-US Classification*
Eucalyptol	>= 80%	470-82-6	H226 Flam. Liq. 3 H317 Skin Sens. 1B
+d-Limonene	5-10%	5989-27-5	H226 Flam. Liq. 3 H315 Skin Irrit. 2 H317 Skin Sens. 1B H304 Asp. Tox. 1 H400 Aquatic Acute 1 H410 Aquatic Chronic 1
alpha-Pinene	1-5%	80-56-8	H226 Flam. Liq. 3 H315 Skin Irrit. 2 H317 Skin Sens. 1B H304 Asp. Tox. 1
Gamma Terpinene	1-5%	99-85-4	H226 Flam. Liq. 3 H304 Asp. Tox. 1
p-Cymene	1-5%	99-87-6	H226 Flam. Liq. 3 H304 Asp. Tox. 1 H411 Aquatic Chronic 2

*See section 16 for full text of H-statements

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SECTION 4 - FIRST AID MEASURES

Description of first aid measures:	
General information:	Call a physician immediately.
In the event of skin contact:	Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of water. Wash contaminated clothing before reuse. If skin irritation occurs: get medical advice/attention. Specific treatment: see supplemental first aid instruction on product label. If skin irritation or rash occurs: get medical advice/attention.
In the event of eye contact:	Rinse eyes with water as a precaution.
In the event of swallowing:	Immediately call a POISON CENTER/doctor. Do not induce vomiting. Call a physician immediately.
In the event of exposure by inhalation:	Remove person to fresh air and keep comfortable for breathing.

SECTION 5 - FIREFIGHTING MEASURES

Suitable extinguishing media:	Dry chemical powder. Water spray. Dry powder. Foam. Carbon dioxide.
Special hazards arising from the substance or mixture:	Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.
Advice for fire fighters:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking. Emergency procedures for non-emergency personnel: ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. For emergency responders: Do not attempt to take action without suitable protective equipment. For further information, refer to section 8.
Environmental precautions:	Avoid release to the environment.
Methods and material for containment and clean up:	Collect spillage. Take up liquid into absorbent material. Notify authorities if product enters sewers or public waters. Dispose of materials or solid residues at an authorized site.

SECTION 7 - HANDLING AND STORAGE

Additional hazards when processed:	Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling:	Ensure good ventilation of the work station. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid breathing dust/fume/gas/mist/vapours/spray. Keep away from heat, hot surfaces, sparks, open flame and other ignition sources. No smoking. Ground/bond container and receiving equipment. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes.
Hygiene measures:	Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling product.

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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:	
Appropriate engineering controls:	Ensure good ventilation of the work station.
Individual protection measures, such as personal protective equipment:	
Eye/face protection:	Safety glasses.
Skin protection:	Wear suitable protective clothing.
Hand protection:	Protective gloves.
Environmental exposure controls:	Avoid release into the environment.
Respiratory protection:	[In case of inadequate ventilation] wear respiratory protection.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:	
Appearance and physical state:	Liquid
Color:	Colourless
Type of Odor:	Characteristic
Odor threshold:	No data available
Important health, safety and environmental information:	
Initial Boiling Point and Boiling Range:	No data available
Melting Point/Freezing Point:	Not applicable / No data available
Flammability Classification:	No data available
Flash Point:	109°F/42.8°C
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Explosion limits (lower/upper):	No data available
Flammability Limits (lower/upper):	No data available
Evaporation rate:	No data available
Vapor Pressure:	1.7 mm Hg 20°C
Vapor Density (Air=1):	No data available
Octanol/Water Partition Coefficient (log Pow):	No data available
Specific Gravity:	0.9050-0.9250 (at 25°C)
Bulk Density:	No data available
Water Solubility:	Poorly soluble in water.
pH:	No data available
Viscosity (dynamic/kinematic):	No data available
Explosive Properties:	No data available
Oxidizing Properties:	No data available
Molecular Formula:	No data available
Molecular Weight:	No data available
Relative Density:	0.915

SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	Flammable liquid and vapour.
Chemical stability:	Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.
Possibility of hazardous reactions:	No dangerous reactions known under normal conditions of use.
Conditions to avoid:	Open flame. Overheating. Direct sunlight. Heat. Sparks. Avoid contact with hot surfaces. No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials:	No additional information available.
Hazardous decomposition products:	May release flammable gases.

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SECTION 11 - TOXICOLOGICAL INFORMATION

Information on toxicological effects:	
Acute toxicity (list all possible routes of exposure)	
Acute Oral Toxicity:	+d-Limonene (5989-27-5): LD50 oral (Rat): 4,400 mg/kg bodyweight
Acute Dermal Toxicity:	+d-Limonene (5989-27-5): LD50 dermal (rabbit): > 5,000 mg/kg bodyweight
ATE US (oral):	+d-Limonene (5989-27-5): 4,400 mg/kg bodyweight
Skin Corrosion/Irritation:	Causes skin irritation
Serious Eye Damage / Eye Irritation:	Not classified
Respiratory or Skin Sensitization:	May cause an allergic skin reaction
Germ Cell Mutagenicity:	Not classified. Based on available data, the classification criteria are not met.
Carcinogenicity:	Not classified
IARC group:	3 - Not classifiable
Reproductive Toxicity:	Not classified. Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity - single exposure (STOT-se):	Not classified
Specific Target Organ Toxicity - repeated exposure (STOT-re):	Not classified
Aspiration Hazard:	May be fatal if swallowed and enters airways.
Potential Health Effects:	
Skin Contact:	Causes skin irritation. Irritation. May cause an allergic skin reaction.
Ingestion:	May be fatal if swallowed and enters airways. Risk of lung oedema.
Inhalation:	May cause an allergic skin reaction.

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity:	
Ecology - general:	Toxic to aquatic life with long lasting effects.
Ecology - water:	Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Eucalyptol (470-82-6):	LC50 fish 1: 102 mg/l (96h; Pimephales promelas) Threshold limit (other organisms 1): 40.071 mg/l (720 h; Pimephales promelas; QSAR)
+d-Limonene (5989-27-5):	LC50 fish 1: 720 µg/l (96h; Pimephales promelas; Lethal) EC50 Daphnia 1: 0.36 mg/l (48h; Daphnia magna; GLP) LC50 fish 2: 702 µg/l (96h; Pimephales promelas) Threshold limit algae 1: 150 mg/l (72h; Desmodesmus subspicatus; GLP) Threshold limit algae 2: 2.62 mg/l (72h; Desmodesmus subspicatus)
Persistence and Degradability:	
Eucalyptus Oil (8000-48-4):	May cause long-term adverse effects in the environment.
Eucalyptol (470-82-6):	Water: not biodegradable.
+d-Limonene (5989-27-5):	Persistence and degradability: Readily biodegradable in water. Absorbs into the soil. May cause long-term adverse effects in the environment. ThOD: 3.29 g O ₂ /g substance.
alpha-Pinene (80-56-8)	Persistence and degradability not established.

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SECTION 12 - ECOLOGICAL INFORMATION

Persistence and Degradability (cont'd):	
p-Cymene (99-87-6):	May cause long-term adverse effects in the environment.
Gamma Terpinene (99-85-4):	Persistence and degradability not established.
Bioaccumulative Potential:	
Eucalyptol (470-82-6):	Log Pow: 1.84 (Calculated). Low bioaccumulative potential.
+d-Limonene (5989-27-5):	BCF fish 1: 864.8-1,022 (Pisces, Fresh weight) Log Pow: 4.38 (Experimental value; OECD 117, Partition coefficient (n-octanol/water), HPLC method; 37°C. Bioaccumulative potential not established.
alpha-Pinene (80-56-8):	Bioaccumulative potential not established.
p-Cymene (99-87-6):	Bioaccumulative potential not established.
Gamma Terpinene (99-85-4):	Bioaccumulative potential not established.
Mobility in soil (all):	No additional information available.
Other adverse effects:	No additional information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods:	
Disposal:	Dispose of contents/container in accordance with licensed collector's sorting instructions. Dispose in a safe manner in accordance with local/national regulations.
Container Disposal:	Handle empty containers with care because residual vapours are flammable. Flammable vapours may accumulate in the container.
Ecology - waste materials:	Hazardous waste due to toxicity.

SECTION 14 - TRANSPORT INFORMATION

DOT:	
Hazard Class:	In accordance with DOT, not regulated for transport.
Transportation of Dangerous Goods:	No additional information available.
IMDG:	
UN number:	1169
UN proper shipping name:	EXTRACTS, AROMATIC, LIQUID
Hazard Class:	3 - Flammable Liquids
Packing group:	III - substances presenting low danger
IATA:	
UN No:	1169
Proper shipping name:	EXTRACTS, AROMATIC, LIQUID
Class:	3 - Flammable Liquids
Packing group:	III - Minor Danger

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SECTION 15 - REGULATORY INFORMATION

US Federal Regulations:	
Eucalyptus Oil (8000-48-4):	Listed on United States TSCA (Toxic Substances Control Act) inventory.
Eucalyptol (470-82-6):	Listed on United States TSCA (Toxic Substances Control Act) inventory.
+d-Limonene (5989-27-5):	Listed on United States TSCA (Toxic Substances Control Act) inventory
alpha-Pinene (80-56-8):	Listed on United States TSCA (Toxic Substances Control Act) inventory
p-Cymene (99-87-6):	Listed on United States TSCA (Toxic Substances Control Act) inventory
Gamma Terpinene (99-85-4):	Listed on United States TSCA (Toxic Substances Control Act) inventory
International Regulations:	
CANADA	
Eucalyptol (470-82-6):	Listed on the Canadian DSL (Domestic Substances List)
alpha-Pinene (80-56-8):	Listed on the Canadian DSL (Domestic Substances List)
p-Cymene (99-87-6):	Listed on the Canadian DSL (Domestic Substances List)
EU Regulations:	No additional information available.
National Regulations:	No additional information available.
US State Regulations:	
alpha-Pinene (80-56-8):	US New Jersey - Right to Know Hazardous Substance List US Pennsylvania RTK (Right to Know) List
p-Cymene (99-87-6):	US Pennsylvania RTK (Right to Know) List
California Prop 65:	This product contains no chemicals(s) known to the State of California to cause cancer, birth defects or reproductive harm.

SECTION 16 - OTHER INFORMATION

Health:	1 - Slight Hazard - Irritation or minor reversible injury possible.
Flammability:	2 - Moderate Hazard - Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flashpoint at or above 100°F but below 200°F (Classes II & IIIA)
Physical:	0 - Minimal Rating - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense or self-react. Non-explosives.
Personal protection:	B: Safety glasses, Gloves
Full text of H-statements:	
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

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: 09/25/2018

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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

TRANSFER CREAM

Safety Data Sheet

According to Regulation (EC) No. 453/2010

Revision date: 17/10/2014

Date of issue: 16/10/2014

Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product Name : TRANSFER CREAM

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : This product is intended to be used as a topical-only stencil image transfer medium.

1.2.2. Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

Company Rupert, Gibbon & Spider, Inc./Jacquard Products
1147 Healdsburg Ave. CA, 95448
800-442-0455

1.4. Emergency telephone number

Emergency number CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300
International CHEMTREC, call: 1-703-527-3887
For non-emergency assistance, call: 800-442-0455

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other hazards

Other hazards not contributing to the classification : Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Water	(CAS No) 7732-18-5 (EC no) 231-791-2	82,1025	Not classified
1,2-Propylene glycol	(CAS No) 57-55-6 (EC no) 200-338-0	15,7861	Not classified
Glycerin	(CAS No) 56-81-5 (EC no) 200-289-5	1,0812	Not classified
Sodium stearate	(CAS No) 822-16-2 (EC no) 212-490-5	0,7929	Not classified
Xanthan gum	(CAS No) 11138-66-2 (EC no) 234-394-2	0,2372	Not classified
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	(CAS No) 7732-18-5 (EC no) 231-791-2	82,1025	Not classified

SPIRIT CREAM

Safety Data Sheet

According to Regulation (EC) No. 453/2010

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1,2-Propylene glycol	(CAS No) 57-55-6 (EC no) 200-338-0	15,7861	Not classified
Glycerin	(CAS No) 56-81-5 (EC no) 200-289-5	1,0812	Not classified
Sodium stearate	(CAS No) 822-16-2 (EC no) 212-490-5	0,7929	Not classified
Xanthan gum	(CAS No) 11138-66-2 (EC no) 234-394-2	0,2372	Not classified

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).
- First-aid measures after inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
- First-aid measures after skin contact : Wash with plenty of soap and water. Obtain medical attention if irritation develops or persists.
- First-aid measures after eye contact : Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
- First-aid measures after ingestion : Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.
- Symptoms/injuries after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- Symptoms/injuries after skin contact : May cause skin irritation.
- Symptoms/injuries after eye contact : May cause eye irritation.
- Symptoms/injuries after ingestion : Ingestion is likely to be harmful or have adverse effects.
- Chronic symptoms : None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not flammable.
- Explosion hazard : Product is not explosive.
- Reactivity : Hazardous reactions will not occur under normal conditions.
- Hazardous decomposition products in case of fire : Carbon oxides (CO, CO₂). Heat from fire may generate flammable vapor.

5.3. Advice for firefighters

- Precautionary measures fire : Exercise caution when fighting any chemical fire.
- Firefighting instructions : Use water spray or fog for cooling exposed containers.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
- Other information : Refer to Section 9 for flammability properties.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid breathing (vapor, mist, spray).
- 6.1.1. For non-emergency personnel**
- Protective equipment : Use appropriate personal protection equipment (PPE).

SPIRIT CREAM

Safety Data Sheet

According to Regulation (EC) No. 453/2010

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection. Concerning elimination disposal after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible products : Strong acids. Strong bases. Strong oxidizers. Isocyanates.

7.3. Specific end use(s)

This product is intended to be used as a topical-only stencil image transfer medium.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1,2-Propylene glycol (57-55-6)

Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	474 mg/m ³ (total particles and vapor) 10 mg/m ³ (particles)
Croatia	GVI (granična vrijednost izloženosti) (ppm)	150 ppm
Latvia	OEL TWA (mg/m ³)	7 mg/m ³
United Kingdom	WEL TWA (mg/m ³)	474 mg/m ³ (total particulates and vapour) 10 mg/m ³ (particulates)
United Kingdom	WEL TWA (ppm)	150 ppm (total particulates and vapour)
United Kingdom	WEL STEL (mg/m ³)	1422 mg/m ³ (calculated-total particulate and vapour) 30 mg/m ³ (calculated-particulate)
United Kingdom	WEL STEL (ppm)	450 ppm (calculated-total particulate and vapour)
Ireland	OEL (8 hours ref) (mg/m ³)	470 mg/m ³ (total vapour and particulates) 10 mg/m ³ (particulate)
Ireland	OEL (8 hours ref) (ppm)	150 ppm (total vapour and particulates)
Ireland	OEL (15 min ref) (mg/m ³)	1410 mg/m ³ (calculated-total vapour and particulates) 30 mg/m ³ (calculated-particulate)
Ireland	OEL (15 min ref) (ppm)	450 ppm (calculated-total vapour and particulates)
Lithuania	IPRV (mg/m ³)	7 mg/m ³
Norway	Gjennomsnittsverdier (AN) (mg/m ³)	79 mg/m ³

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Safety Data Sheet

According to Regulation (EC) No. 453/2010

1,2-Propylene glycol (57-55-6)		
Norway	Gjennomsnittsverdier (AN) (ppm)	25 ppm
Norway	Gjennomsnittsverdier (Korttidsverdi) (mg/m ³)	118,5 mg/m ³
Norway	Gjennomsnittsverdier (Korttidsverdi) (ppm)	37,5 ppm

Glycerin (56-81-5)		
Belgium	Limit value (mg/m ³)	10 mg/m ³ (mist)
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	10 mg/m ³
France	VME (mg/m ³)	10 mg/m ³ (aerosol)
Greece	OEL TWA (mg/m ³)	10 mg/m ³
Spain	VLA-ED (mg/m ³)	10 mg/m ³ (mist)
Switzerland	VLE (mg/m ³)	100 mg/m ³ (inhalable)
Switzerland	VME (mg/m ³)	50 mg/m ³ (inhalable)
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ (mist)
United Kingdom	WEL STEL (mg/m ³)	30 mg/m ³ (calculated-mist)
Czech Republic	Expoziční limity (PEL) (mg/m ³)	10 mg/m ³
Estonia	OEL TWA (mg/m ³)	10 mg/m ³
Finland	HTP-arvo (8h) (mg/m ³)	20 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	10 mg/m ³ (mist)
Ireland	OEL (15 min ref) (mg/m ³)	30 mg/m ³ (calculated-mist)
Poland	NDS (mg/m ³)	10 mg/m ³ (aerosol)
Portugal	OEL TWA (mg/m ³)	10 mg/m ³ (mist)

Sodium stearate (822-16-2)		
Lithuania	IPRV (mg/m ³)	5 mg/m ³
Sweden	nivågränsvärde (NVG) (mg/m ³)	120 mg/m ³
Sweden	nivågränsvärde (NVG) (ppm)	25 ppm

8.2. Exposure controls

Appropriate engineering controls	: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure but are not required. Ensure all national/local regulations are observed.
Personal protective equipment	: Not generally required. The use of personal protective equipment may be necessary as conditions warrant.
Materials for protective clothing	: Not required for normal conditions of use.
Hand protection	: Not required for normal conditions of use.
Eye protection	: Not required for normal conditions of use.
Skin and body protection	: Not required for normal conditions of use.
Respiratory protection	: Not required for normal conditions of use.
Environmental exposure controls	: Do not allow the product to be released into the environment.
Consumer exposure controls	: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance/Physical state	: Liquid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available

SPIRIT CREAM

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According to Regulation (EC) No. 453/2010

pH	: No data available
Evaporation rate	: No data available
Melting point	: No data available
Freezing point/Boiling point	: No data available
Relative density	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Viscosity	: No data available
Explosive properties/ Explosive limits	: No data available
Oxidizing properties	: No data available
Partition coefficient: n-octano/water	: No data available

9.2. Other information

VOC content : < 1 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers. Isocyanates.

10.6. Hazardous decomposition products

Thermal decomposition generates carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

1,2-Propylene glycol (57-55-6)

LD50 oral rat | 20000 mg/kg

LD50 dermal rabbit | 20800 mg/kg

Glycerin (56-81-5)

LD50 oral rat | 5570 mg/kg

LD50 dermal rabbit | > 10 g/kg

LC50 inhalation rat (mg/l) | > 570 mg/m³ (Exposure time: 1 h)

Xanthan gum (11138-66-2)

LD50 oral rat | > 45000 mg/kg

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

SPIRIT CREAM

Safety Data Sheet

According to Regulation (EC) No. 453/2010

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

1,2-Propylene glycol (57-55-6)

LC50 fishes 1	51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	10000 mg/l (Exposure time: 24 h - Species: Daphnia magna)
EC50 Daphnia 2	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

Glycerin (56-81-5)

LC50 fishes 1	54000 (51000 - 57000) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
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12.2. Persistence and degradability

No additional information available.

12.3. Bioaccumulative potential

1,2-Propylene glycol (57-55-6)

BCF fish 1	< 1
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Glycerin (56-81-5)

BCF fish 1	(no bioaccumulation)
Log Pow	-1,76

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

No additional information available.

12.6. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

No additional information available.

14.6.2. Transport by sea

No additional information available.

14.6.3. Air transport

No additional information available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SPIRIT CREAM

Safety Data Sheet

According to Regulation (EC) No. 453/2010

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no substance on the REACH candidate list

VOC content : < 1 %

15.1.2. National regulations

No additional information available.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision date : 17/10/2014

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

SDS EU (REACH Annex II) 10pt

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Rupert, Gibbon & Spider, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. Rupert, Gibbon & Spider, Inc. makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Rupert, Gibbon & Spider, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.