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: 02/09/2024

SECTION 1 - CHEMICAL, PRODUCT & COMPANY INFORMATION

Product Name:	**DECOLOURANT AND DECOLORANT MIST**	
Product Number/Code:	**CHM0330 / CHM1330 / CHM2330 / CHM3330**	
Recommended Use:	Used to remove dyes/colors from fabric.	
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

Toxicological Data on Ingredients:		
Hazard Classification		
Physical Hazards:	Not classified	
Health Hazards:	Mutagen	Category 3
Environmental Hazards:	Not classified	
Label Elements		
Pictogram:		
Signal Words:	Warning	
Hazard Statements-EU:	H341 Suspected of causing genetic defects.	
Precautionary Statements-EU:		
Prevention:	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P281 Use personal protective equipment as required.	
Response:	P308 + P313 IF exposed or concerned: Get medical attention.	
Storage:	P405 Store locked up.	
Disposal:	P501 Dispose of contents/container according to local regulations. (see section 13)	
Hazard(s) not otherwise classified:	This product is classified as hazardous, OSHA Hazard Communication Standard 29CFR1910.1200.	

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SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical identity	**Content in percent (%)***	**CAS #**	**EC No.**
Sodium Formaldehyde Sulfoxylate	≤ 12	149-44-0	205-739-4
Water	≤ 85	7732-18-5	231-791-2

SECTION 4 - FIRST AID MEASURES

Description of first aid measures:	
General Advice:	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of the dangerous area.
In the event of skin contact:	Wash thoroughly with soap and water.
In the event of eye contact:	Flush with water for at least 15 minutes. Seek medical advice.
In the event of swallowing:	Rinse out mouth with water. Seek immediate medical attention.
In the event of exposure by inhalation:	Remove to fresh air. Aid victim with breathing if necessary. Seek medical attention.

SECTION 5 - FIREFIGHTING MEASURES

Extinguishing media:	Dry chemical, CO2, Water spray or regular foam
Advice for fire fighters:	Fire fighters should wear an approved self-contained breathing apparatus and full protective clothing.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Use protective equipment and emergency procedures. Avoid breathing vapors. Ensure adequate ventilation.
Methods and material for containment and clean up:	Stop the source of leak or release. Clean up spill as soon as possible. Small spills can be swept-up or vacuumed. Place spilled material in suitable container for disposal in accordance with local and national regulations. Wash contaminated surfaces with water, and collect washings for safe disposal. Follow prescribed procedures for responding to large spills and reporting to appropriate authorities.
Environmental procedures:	Prevent leakage of product into water-courses or drainage system by diking with sand or other absorbent materials. Contact authorities, and waste-water treatment plant as appropriate if significant contamination occurs.

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SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:	Avoid contact with eyes, skin and clothing; wash thoroughly after handling. Use with adequate ventilation. Do not inhale spray or mists. Do not expose to excessive heat; avoid processing temperatures in excess of 45°C (113°F). Formaldehyde may be released when processing at high temperature or mixed with acids.
Conditions for safe storage including any incompatibilities:	Keep only in the original container. Store in a cool and dry location. Keep away from direct sunlight. Keep container closed when not in use. Protect from freezing. Protect from temperatures above 30˚C or below 15˚C.
Specific end uses:	Industrial use

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:	
Occupational exposure limits:	Contains no substance with occupational exposure limit values Note: Dusts from dried material may register as formaldehyde on some formaldehyde detector badges.
Individual protection measures, such as personal protective equipment:	
Eye/face protection:	Safety goggles.
Skin protection:	Impervious clothing.
Hand protection:	Handle with gloves. Gloves must be inspected prior to use. Use proper gloves, nitrile rubber, butyl rubber.
Environmental exposure controls:	Handle in accordance with good industrial hygiene and safety practices. Wash hands after handling material.
Respiratory protection:	For nuisance exposures use type P95 (US) or type (EU EN 143) particle respiratory. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:	
Appearance and physical state:	Liquid
Color:	Slight
Type of Odor:	No data available
Odor threshold:	No data available
Important health, safety and environmental information:	
Initial Boiling Point and Boiling Range:	~ 100˚C
Melting Point/Freezing Point:	~ 0 ˚C
Flammability Classification:	N/A
Flash Point:	Non-combustible
Auto-ignition Temperature:	N/A
Decomposition Temperature:	N/A
Flammability Limits (lower/upper):	N/A
Evaporation rate:	No data available
Vapor Pressure:	No data available
Vapor Density (Air=1):	No data available
Octanol/Water Partition Coefficient (log Pow):	No data available
Specific Gravity/Density:	1.18 – 1.22
Bulk Density:	No data available
Water Solubility:	Miscible
pH:	10.8-11.2
Viscosity:	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:	No data available

SECTION 10 - STABILITY AND REACTIVITY

Stability:	Stable
Hazardous polymerization:	Will not occur under normal conditions
Conditions to avoid:	Protect from freezing
Incompatible materials:	Oxidizing agents, reducing agents, acids, bases
Hazardous decomposition products:	Oxides of carbon, nitrogen

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SECTION 11 - TOXICOLOGICAL INFORMATION

Information on toxicological effects: Acute toxicity (list all possible routes of exposure)	
Acute Oral Toxicity:	LD50 > 5000 mg/kg (rat)
Skin Corrosion/irritation:	Non-irritating (rabbit)
Serious Eye Damage / Eye Irritation:	Non-irritating (rabbit)
Respiratory or Skin Sensitization:	Non-sensitizing
Germ Cell Mutagenicity:	This product is classified as a category 3 mutagen. (Category 3 is assigned to substances where there is some evidence from animal studies but insufficient evidence to regard the substance as possibly mutagenic to humans.)
Carcinogenicity:	No component listed as a carcinogen on OSHA, IARC, NTP, ACGIH
Reproductive Toxicity:	No data available
Specific Target Organ Toxicity - single exposure (STOT-se):	No data available
Specific Target Organ Toxicity - repeated exposure (STOT-re):	No data available
Aspiration Hazard:	No data available
Potential Health Effects:	
Skin Contact:	May cause irritation
Eye Contact:	May cause irritation
Ingestion:	May cause gastrointestinal irritation or upset
Inhalation:	May cause irritation
Chronic Health Effects:	Suspected of causing genetic defects
Signs and symptoms of exposure:	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity:	
Acute/prolonged toxicity to fish:	LC50 > 500 mg/l 96h (Leuciscus idus)
Persistence and degradability:	Inherently biodegradable (28d 77%)
Bioaccumulative potential:	Not expected, Log Pow -6.17
Mobility in soil:	No data available
Results of PBT and vPvB assessment (EC reg. 453/2010):	No data available
BOD5:	14 mg O2/g
COD:	490 mg O2/g
AOX:	Not expected
Other adverse effects:	No data available
Other adverse effects:	No data available

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SECTION 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods:	
Disposal:	This product should not be disposed of via drains. Disposal must be in accordance with current national and local regulations. We recommend that you contact either the authorities or approved waste disposal companies who will advise you in how to dispose of waste. RTECS No. PB03800000

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:	
TSCA Inventory:	All components listed or exempt.
OSHA Hazards:	Chronic Health Hazards
DSL Status:	All components of this product are listed on the Canadian DSL list.
Sara 302 Components:	No chemicals are subject to reporting requirements of Title III Sec. 302.
Sara 313 Components:	No chemicals are subject to reporting requirements of Title III Sec. 313.
Sara 311/312 Hazards:	Chronic Health Hazards
California Prop 65:	No chemicals known to be in the product at levels requiring a warning.
FDA:	Not approved as a direct food additive.
EINECS:	Mixture
REACH Annex XIV:	No components listed, (SVHC)
REACH Annex XVII:	No component listed

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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	

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: 02/09/2024

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	Wassergefahrdungsklasse (Water Hazard Class) WHMIS Workplace Hazardous Material Identification System