



Revision Date: 12-19-2017

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

IDENTIFICATION OF THE PRODUCT

CHEMICAL TYPE

MIXTURE

- **Product name:** deColourant and deColourant Mist
- **Product number(s):** CHM0330, CHM1330, CHM23330, CHM33330
- **Relevant identified use of the substance/mixture:**
Used to remove dyes/colors from fabric.
- **Manufacturer:** Rupert, Gibbon & Spider, Inc.
- **Manufacturer Address:** 1147 Healdsburg Avenue
Healdsburg CA 95448
- **Number:** 800-442-0455
- **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

2. HAZARDS IDENTIFICATION

- **Emergency** **Overview**

GHS Classification

Mutagen, (category 3) H341

GHS Label elements, including precautionary statements

Label Requirements



Signal word Warning

Hazard Statement(s)
H341 Suspected of causing genetic defects

Precautionary statement(s)

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.

P308 + P313 IF exposed or concerned: Get medical attention.



SDS

SAFETY DATA SHEET

RUPERT, GIBBON & SPIDER PO BOX 425, HEALDSBURG CA, 95448 TEL: (707) 433-9577 FAX: (707) 433-4906

P405 Store locked up.
P501 Dispose of contents/container according to local regulations. (see section 13)

Hazards Not Otherwise Classified (HNOC) This product is classified as hazardous, OSGA Hazard Communication Standard 29CFR1910.1200



3. INFORMATION ON THE INGREDIENTS

Component	Conc. (wt %)	EC No.	CAS No.
Sodium Formaldehyde Sulfoxylate	≤ 35	205-739-4	149-44-0
Water	≤ 65	231-791-2	7732-18-5

4. FIRST-AID MEASURES

- **General Advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of the dangerous area

Ingestion Rinse out mouth with water. Seek immediate medical attention.

Skin Wash thoroughly with soap and water.

Eyes Flush with water for at least 15 minutes. Seek medical advice.

Inhalation Remove to fresh air. Aid victim with breathing if necessary. Seek medical attention.

5. FIRE-FIGHTING MEASURES

- **Extinguishing media**

Small fires: Dry chemical, CO₂, Water spray or regular foam

- **Special Protective equipment for fire-fighters**

Fire fighters should wear an approved self-contained breathing apparatus and full protective clothing.



NFPA 704



6. ACCIDENTAL RELEASE OF MATERIALS

- **Personal precautions**

Use protective equipment and emergency procedures. Avoid breathing vapors. Ensure adequate ventilation

- **Environmental Precautions**

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.

- **Methods and material for containment and cleaning 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.



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 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

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Contains no substance with occupational exposure limit values

Note: Dusts from dried material may register as formaldehyde on some formaldehyde detector badges.

Personal protective equipment



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).

Hand Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper gloves, nitrile rubber, butyl rubber.

Eye Protection

Safety goggles

Skin and Body Protection

Impervious clothing.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practices. Wash hands after handling material.



9. PHYSICAL AND CHEMICAL PROPERTIES

- **Information on basic physical and chemical properties**

Appearance/Form	Liquid
Odor	Slight
pH	10.8 – 11.2
Solubility in water	Miscible
Viscosity	No data available
Melting Point	~ 0 °C
Flash point (°C)	< 0 °C
Initial Boiling Point and boiling range	~ 100°C
Specific Gravity/ Density	1.18 – 1.22
Flammability (solids and gases)	No data available
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Odor threshold	No data available
Vapor density	No data available
Evaporation rate	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION.

Acute 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

No data available

Aspiration hazard

No data available

Specific target organ toxicity-repeated exposure

No data available

Potential health effects

Inhalation

May cause irritation

Ingestion

May cause gastrointestinal irritation or upset

Skin

May cause irritation

Eyes

May cause irritation

Chronic 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.



12. ECOLOGICAL INFORMATION

• Toxicity to fish	LC50 > 500 mg/l	96h	Leuciscus idus
• Persistence/degradability	Inherently biodegradable	28d	77%
• Bio accumulative potential	Not expected,	Log Pow	-6.17
• Mobility in soil	No data available		
• Results of PBT and vPvB assessment	No data available		
• Other adverse effects	No data available		
• BOD5	14 mg O2/g		
• COD	490 mg O2/g		
• AOX	Not expected		

13. DISPOSAL CONSIDERATIONS

- **Product**

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

14. TRANSPORTATION INFORMATION

This product is not classified as hazardous (dangerous) by applicable Land, Sea, or Air transport regulations.

- **DOT (US)** Not Dangerous Goods
- **IMDG** Not Dangerous Goods
- **IATA** Not Dangerous Goods



15. REGULATORY INFORMATION

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

National chemical inventories:

TSCA (USA), DSL (Canada), EINECS (Europe), ENCS (Japan), ECL (Korea), AICS (Australia), NZIoC (New Zealand), PICCS (Philippines), IECSC (China)

16. OTHER INFORMATION

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.