SAFETY DATA SHEET (SDS)
Decolourant and Decolourant Mist

Revision Date: 06/25/2019

SECTION I - CHEMICAL, PRODUCT & COMPANY INFORMATION

Product Name: Decolourant
Recommended Use: Used to remove dyes/colors from fabric.
Restrictions on use: None known
Supplier: PRO Chemical & Dye
126 Shove Street
Fall River, MA 02724
508-676-3838

Emergency Number:
ChemTel, Inc.
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
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.
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Response:
Storage:
Disposal:
Hazard(s) not otherwise classified:

P308 + P313 IF exposed or concerned: Get medical attention.
P405 Store locked up.
P501 Dispose of contents/container according to local regulations. (See section 13)
This product is considered as hazardous, OSHA Hazard Communication Standard 29 CFR1910.1200.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical identity
Sodium Formaldehyde Sulfoxylate
Water

Content in percent (%)  
≤ 12%  
≥ 85%  

CAS #  
149-44-0  
7732-18-5  

EC N°.  
205-739-4  
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 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. Treat symptomatically.
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 personal 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. Prevent leakage of product into water-courses or drainage system by diking with sand or other absorbent materials. Contact authorities, and waste-water treatment plants as appropriate if significant contamination occurs.

Environmental procedures:

SECTION 7 - HANDLING AND STORAGE

Precautions 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 60°C or below 15°C.

Specific end uses: Industrial Use.
SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:
Components with workplace control parameters: Contains no substances 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 exposure 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).
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): No data available
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: 1.18-1.22
Bulk Density: No data available
Water Solubility: Miscible.
Viscosity: 10.8-11.2
Explosive Properties: No data available
Oxidizing Properties: No data available
Particle Size: No data is available on the product itself.
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
SECTION 11 - TOXICOLOGICAL INFORMATION

Information on toxicological effects:
Acute toxicity (list all possible routes of exposure)
Acute Oral Toxicity:
Skin Corrosion/Irritation:
Serious Eye Damage / Eye Irritation:
Respiratory or Skin Sensitization:
Germ Cell Mutagenicity:

Carcinogenicity:

Reproductive Toxicity:
Specific Target Organ Toxicity - single exposure (STOT-se):
Specific Target Organ Toxicity - repeated exposure (STOT-re):
Aspiration Hazard:

Potential Health Effects:
Skin Contact:
Eye Contact:
Ingestion:
Inhalation:
Chronic Health Effects:
Signs and symptoms of exposure:

No data available

LD50 > 5000 mg/kg (rat)
Non-irritating (rabbit)
Non-irritating (rabbit)
Non-sensitizing
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.)

No component listed as a carcinogen on OSHS, IARC, NTP, ACGIN

No data available

No data available

No data available

No data available

May cause irritation
May cause irritation
May cause gastrointestinal irritation or upset
May cause irritation
Suspected of causing genetic defects
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
SECTIONS 12 - ECOLOGICAL INFORMATION

Toxicity:

Acute/prolonged toxicity to fish:

LC50 > 500 mg/l 96h (Leuciscus idus)

Persistence and degradability:

Inherently biodegradable (28d 77%)

Mobility in soil:

Not expected. Log Pow -6.17

Bioaccumulative Potential:

No data available

Results of PBT and vPvB assessment (EC reg. 453/2020):

BOD5

14 mg O2/g

COD:

490 mg O2/g

AOX:

Not expected

Other adverse effects:

No data available
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 assist you how to dispose of waste.

RTECS No. PB03800000

SECTION 14 - TRANSPORT INFORMATION

General Information:

UN number:
UN proper shipping name:
Transport hazard class:
Packing group:

Environmental Hazards:

Environmentally hazardous substance:
Special precautions for user:

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

Not relevant
Not relevant
Not relevant
Not relevant

No
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 the Title III Sec. 302
- **Sara 313 Components:** No chemicals are subject to reporting requirements of the Title III Sec. 313
- **Sara 311/312 Hazards:** Chronic Health Hazards
- **California Prop 65:** No chemicals as a direct food additive.
- **FDA:** Not approved as a direct food additive.
- **EINECS:** Mixture
- **REACH Annex XIV:** No components listed. (SVHC)
- **REACH XVII:** No components listed
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 this company does not guarantee the accuracy or completeness thereof. This company 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.

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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)
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 fur Risikobewertung recommendations for food contact materials
BCF    Bioconcentration Factor
BODS   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 IDIH
       Immediately Dangerous to Life and Health IMDG
       International Maritime Dangerous Goods
LD50   Lethal Dose to 50 of test animal population
MAK    Maximale Arbeitsplat 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
TIV    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