

SAFETY DATA SHEET

Rug Resurrection

SECTION 1: Product Identification

Product name : Rug Resurrection

Chemical family : Reducing Agent

Common or Trade name : Color remover

Manufacturer : Chem Max Corp

Address : 6479 Norton Center Drive
Norton Shores MI 49441

Phone : 800-858-7237

SECTION 2: Hazards Identification

GHS Classification :

Acute toxicity - oral: Category 4

Eye damage: Category 1

Self-heating substances and mixtures: Category 1

Aquatic acute: Category 3

GHS label elements, including precautionary statements

Hazard statement (s)

H251 Self-heating, may catch fire.

H302 Harmful if swallowed.

H318 Causes serious eye irritation.

H402 Harmful to aquatic life.

Precautionary-Preventive statement (s)

P235 + P410 Keep cool. Protect from sunlight.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink, or smoke when using this product.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P312 IF SWALLOWED: Call a poison control center or Doctor/physician if you feel unwell.

P330 Rinse mouth.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if possible. Continue rinsing.

Precautionary statement/Storage

P420 Store away from other materials.

P501 Dispose of contents and container in accordance with local, state, and federal regulations.

SECTION 3 : Composition/Information on Ingredients

Name:	CAS#	Weight %
Sodium Disulfite	7681-57-4	30%-50%
Sodium Dithionite	7775-14-6	10%-20%
Sodium Sulfite	7757-83-7	5%-10%
Sodium Acid Carbonate	144-55-8	1%-5%
Sodium Bromide	7647-15-6	1%-5%
Sodium Carbonate	497-19-8	1%-5%
Non hazardous ingredients		40%-50%

* The exact percentage of weight of mixture has been withheld as a trade secret as per paragraph(1) of 27 CFR 1910, 1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees or designated representatives in accordance with applicable provisions of paragraph(1).

SECTION 4 : First Aid Measures

Eye contact : flush eyes immediately with water for at least 15 minutes. Remove contact lenses after the first 5 minutes if you can do so easily and continue flushing. Get medical attention as soon as possible.

Skin contact : Immediately wash skin with plenty of soap and water. Remove contaminated clothing and wash with soap and water. Launder contaminated clothing before reuse. Get medical attention if irritation persists.

Inhalation : If inhaled, move to fresh air. Seek medical attention if symptoms appear or irritation develops.

Ingestion : If conscious, immediately rinse mouth with water and give one glass of water to drink. Do **not** induce vomiting unless directed to do so by medical personnel. Seek immediate medical attention.

Most important symptoms/effects, acute and delayed: May irritate skin. May cause irritation and/or burns to the eyes. Harmful or fatal if swallowed or inhaled. May cause severe and possibly fatal allergic reactions if inhaled or swallowed by some asthmatics and other "sulfite sensitive" individuals. Reacts with acids to form toxic and irritating sulfur dioxide gas. Releases sulfur dioxide if heated above 150c.

Indication if immediate medical attention and special treatment: Treat symptomatically. Note potential for anaphylactic shock with allergic individuals.

SECTION 5 : Firefighting Measures

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : Plain water spray alone may be insufficient.

Specific hazards arising from the chemical : Flammable.

SECTION 5 : Firefighting Measures (continued)

Explosion data

Sensitivity to mechanical impact : None

Sensitivity to static discharge : None

Firefighting procedures : As in any fire, wear self-contained breathing apparatus designed for firefighting, MSHA /NIOSH (approved or equivalent), and full protective gear. In the event of fire and/or explosion, do not breath fumes.

SECTION 6 : Accidental Release and Disposal Measures

Personal precautions : Remove all sources of ignition. Evacuate personnel to a safe area. Insure adequate ventilation, especially in confined areas. Use personal protective equipment as required.

For emergency responders : Use personal protective equipment recommended in section 8 as required.

Environmental precautions : Prevent further leakage or spillage if safe to do so, Prevent product from entering drains, Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

Methods for containment : Prevent further leakage or spillage if safe to do so. Promptly sweep up material with minimal dusting and shovel into an empty container with a cover. Rinse spill area with plenty of water,

SECTION 7 : Storage and Handling

Handling : Do not get in eyes or on skin or clothing. Do not breathe dust. Do not eat or drink in the work area. Use normal hygiene and housekeeping. Keep away from water, ice, acids, heat and oxidizing agents. Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity.

Storage : Keep container tightly sealed in a dry, cool place. Keep in properly labeled containers. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity.

Incompatible materials : None known based on information supplied.

SECTION 8 : Exposure Control/Personal Protection

Exposure guidelines:

Ingredient name: Sodium Disulfite

ACGIH TLV - 5mg/m³ TWA

OSHA PEL - none

Other limit - none

SECTION 8 : Exposure Control/Personal Protection (continued)

Other exposure limits for potential decomposition products:

Ingredient name: Sulfur Dioxide

OSHA TWA = 5 ppm

SCGih STEL = 0.25 ppm

Engineering controls: Local exhaust if dusty conditions exist or if there is a release of sulfur dioxide gas. Do not use in unventilated spaces, e.g., the holds of fishing boats, walk-in coolers, or other confined spaces. The level of protection and types of controls will vary depending on potential exposure conditions.

Incompatibilities:

Oxidizers - may cause strong exothermic reactions.

Acid, water and ice - releases sulfur dioxide gas which is toxic, corrosive and potentially deadly.

Water and/or ice - speeds the production of sulfur dioxide gas.

Personal protective equipment (PPE):

Eyes : Wear appropriate protective glasses or chemical safety goggles as directed by OSHA's eye and face protection regulations in 29 CFR 1910.133

Skin : Wear appropriate protective gloves.

Clothing : Selection of protective clothing depends on work conditions and potential exposure conditions and may include gloves, boots, suits and other protective items.

Respirators : Where adequate ventilation is not available, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

Specific hygiene measures: always observe good personal hygiene, such as washing after handling and before eating, drinking and/or smoking. Practice good housekeeping. Access to eyewash and safety shower is recommended.

SECTION 9 : Physical and Chemical Properties

Appearance :	Fine, grey, granular material
Physical state :	Solid
Odor :	Pungent, sulfur dioxide odor
Odor threshold :	Not determined
Relative density (water = 1.0) :	Not determined
Solubility in water :	Not determined
PH :	Not determined
Initial boiling point/range :	Begins to rapidly decompose above 300°F
Melting/freezing point :	Not applicable
Vapor pressure :	Not applicable
Vapor density (air = 1.0) :	Not applicable
Evaporation rate (n-butyl acetate =1):	Not applicable
% Volatiles :	Not applicable
Partition coefficient (N-Octanol/water):	Not determined
Viscosity :	Not applicable
Flashpoint :	212°F

SECTION 9 : Physical and Chemical Properties (continued)

Flashpoint method : Not determined
Autoignition temperature : 392°F
Upper flame limit (volume % in air) : Not determined
Lower flame limit (volume % in air) : Not determined
Decomposition temperature : 300°F
Flammability (solid, gas) : Flammable

SECTION 10 : Stability and Reactivity

Reactivity : Not normally reactive

Possibility of hazardous reactions : Reacts with acids to form toxic and irritating sulfur dioxide gas.

Incompatible materials : Acids

Chemical stability : **Induction** Normally stable under normal conditions.

Hazardous decomposition products : Sulfur dioxide and sodium sulfide residue. Sodium sulfide is flammable, a dangerous fire risk, a strong irritant to skin and tissue, and is incompatible with acids.

SECTION 11 : Toxicological Information

<u>Hazard Class</u>	<u>Conclusion/Remarks</u>
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Inhalation : May irritate the respiratory tract.

Ingestion : May irritate the gastrointestinal tract.

Skin : Mildly irritating to skin with prolonged or repeated exposure.

Eyes : May irritate the eyes

Chronic effects : None known

Ingredients found on one of the three OSHA designated carcinogens lists : None

SECTION 12 : Ecological Information

Ecotoxicity : No data available.

Persistence and degradability : No data available.

Bio accumulative potential : No data available.

Mobility in soil : No data available.

Other adverse affects : No data available

SECTION 13 : Disposal Considerations

RCRA

Is the unused product an RCRA hazardous waste if discarded?

No.

Other disposal considerations:

Dispose of in accordance with applicable federal, state and local regulations

SECTION 14 : Transport Information

Air (IATA) Not classified as dangerous in the meaning of transport regulations.

Land (DOT) Not classified as dangerous in the meaning of transport regulations.

Sea (IMDG) Not classified as dangerous in the meaning of transport regulations.

SECTION 15 : Regulatory Information

International inventories

TSCA :	complies
DSL/NDSL :	complies
EINECS/ELINCS :	complies
ENCS :	complies
IECSC :	complies
KECL :	complies
PICCS :	complies
AICS :	complies

Legend

TSCA - United States Toxic Substances Control Act Section 8 (b) inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.

ENCS - Japan Existing and New Chemical Substances.

IECSC -China Inventory of Existing Chemical Substances.

KECL - Korean Existing and Evaluated Chemical Substances.

SECTION 15 : Regulatory Information (continued)

PICCS - Philippines Inventory of Chemicals and Chemical Substances.

AICS - Australian Inventory of Chemical Substances.

Section 16 : Other Information

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End of Safety Data Sheet