SAFETY DATA SHEET

First Stripper

SECTION 1: Product Identification

Product name : First Stripper
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
Serious eye irritant: Category 2A
Acute toxicity, dermal: Category 5

GHS label elements, including precautionary statement(s) :Warning

Hazard statement (s)
H302 Harmful if swallowed.
H313 May be harmful to skin.
H319 Causes serious eye irritation.

Precautionary-Preventive statement (s)
P281 Wear protective equipment for hands, eyes, face and respiratory tract.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if possible. Continue rinsing.

Precautionary statement/Storage
P501 Dispose of contents and container in accordance with local, state, and federal regulations.

NFPA rating: Health hazard 2
Flammability 0
Physical. 0

SECTION 3 : Composition/Information on Ingredients

Name:	CAS#	Weight %
Sodium Disulfite	7681-57-4	80%-98%
Sodium Acid Carbonate	144-55-8	1%-10%
Sodium Sulfite	7757-83-7	1%-10%
Sodium Sulfate	7757-82-6	1%-10%

* 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. May cause severe 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

Flammability: Not flammable or combustible.
Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards arising from the chemical : May release hazardous gas with fire or water.

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 : 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. 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, and oxidizing agents. Ensure adequate ventilation, especially in confined areas.

Storage : Keep container tightly sealed in a dry, cool place. Keep in properly labeled containers.
Incompatible materials : None known.

SECTION 8 : Exposure Control/Personal Protection

Exposure guidelines:
Ingredient name: Sodium Disulfite
ACGIH TLV - 5mg/m3 TWA
OSHA PEL - none
Other limit - none

Other exposure limits for potential decomposition products:
Ingredient name: Sodium sulfite and sodium sulfate
OSHA TWA = None established.
SCGih STEL = None established.

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

SECTION 8 : Exposure Control/Personal Protection (Continued)

spaces. The level of protection and types of controls will vary depending on potential exposure conditions.
Incompatibilities:
Oxiders - 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, white, granular material
Physical state :	Solid
Odor :	Pungent, sulfur dioxide odor
Odor threshold :	Not determined
Relative density (water = 1.0) :	1.5
Solubility in water :	Not determined
PH :	4.0 to 4.5 (1% solution)
Initial boiling point/range :	Not applicable
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 :	Not 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

SECTION 10 : Stability and Reactivity (Continued)

Chemical stability : Induction Normally stable under normal conditions.
Hazardous decomposition products : Sulfur dioxide gas.

SECTION 11 : Toxicological Information

Hazard Class Conclusion/Remarks

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 : Sodium Disulfite is a non-hazardous solid commonly used as a waste water dechlorination agent. High concentrations will contribute to elevated oxygen demand in aquatic environments.

96 hour LC50 (fish): 150-220 mg/L
48 hour IC50 (algae): 48 mg/L
24 hour EC50 (water flea): 89 mg/L

Persistence and degradability : No data available.

Bio accumulative potential : No data available.

Mobility in soil : 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.

Hazard class: Not applicable

Subsidiary hazard: Not applicable

I D number: No placard. Required

Special provisions: Not applicable

Packing group: Not applicable

SECTION 15 : Regulatory Information

International inventories

TSCA : Not listed
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