

Issue Date: 08-Aug-2011

Revision/Review Date: 22-Jul-2025

Version 1.1

1. IDENTIFICATION

Product Identifier

Product Name Maxim Plastic and China Destainer

Other Means of Identification

Product Code 314400

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Powdered detergent. For industrial and institutional use.

Details of the Supplier of the Safety Data Sheet

Midlab, Inc.
 140 Private Brand Way
 Athens, TN 37303

Emergency Telephone Number

Company Phone Number Phone: 1-423-337-3180
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Blue

Physical State Powder

Odor Fresh

Classification

Oxidizing Solid	Category 3
Serious Eye Damage/Eye Irritation	Category 2 Sub-category A

Signal Word

Warning

Hazard Statements

May intensify fire, oxidizer.
 Causes serious eye irritation.



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.
 Wear protective gloves and eye protection.
 Keep away from heat.
 Keep away from clothing and other combustible materials.
 Take precautions to avoid mixing with combustibles.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
 IN CASE OF FIRE: Use water for extinction.

Precautionary Statements - Storage

No other specific measures identified.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Hazards Not Otherwise Classified (HNOC)

None known.

Unknown Acute Toxicity

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sodium Percarbonate	15630-89-4	15-40
Sodium Carbonate	497-19-8	10-30

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret. **

4. FIRST-AID MEASURES**First Aid Measures**

Eye Contact	Exposure may cause irritation and redness. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
Skin Contact	Prolonged or repeated exposure may dry skin and cause irritation. Flush skin with water. If irritation or rash persists, get medical attention.
Inhalation	If breathing becomes difficult, remove victim to fresh air. Call a physician if you feel unwell.
Ingestion	Rinse mouth and drink plenty of water. Do NOT induce vomiting unless directed to do so by qualified medical personnel. Never give anything by mouth to an unconscious person. If any discomfort persists, obtain medical attention.

Most Important Symptoms and Effects

Symptoms	Contact with eyes may cause irritation and redness. Prolonged or repeated contact may dry skin and cause irritation. Repeated contact may cause allergic reactions in very susceptible persons.
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Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Water spray (fog). Carbon dioxide (CO2). Dry chemical. Foam.

Unsuitable Extinguishing Media

Do not use water jet. Direct water jet may spread fire

Specific Hazards Arising from the Chemical

May intensify fire: oxidizer. Oxygen released in thermal decomposition may support combustion. Contact with combustible material may cause fire.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures**

Personal Precautions	Use personal protection recommended in Section 8.
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Environmental Precautions	Avoid release to the environment.
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Methods and Material for Containment and Cleaning Up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
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Methods for Clean-Up

Safety glasses and gloves should be worn when cleaning up spillage. Collect in a clean, dry waste container for disposal. Dispose of in accordance with federal, state and local regulations. Use a water rinse for final clean up.

7. HANDLING AND STORAGE

Precautions for Safe Handling**Advice on Safe Handling**

Wash thoroughly after handling. Use personal protection recommended in Section 8. Avoid breathing dust or fume. Use only in well-ventilated areas. Avoid contact with eyes and skin. Handle in accordance with good industrial hygiene and safety practice.

Conditions for Safe Storage, Including Any Incompatibilities**Storage Conditions**

Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep out of the reach of children. Keep from freezing.

Incompatible Materials

Avoid contact with acids, bases, flammable materials, and combustible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium Percarbonate 15630-89-4	TWA: 10 mg/m ³ (Inhalable fraction)	PEL: 5 mg/m ³	-
Sodium Carbonate 497-19-8	-	15mg/m ³	-

Appropriate Engineering Controls**Engineering Controls**

Good general room ventilation should be adequate under normal conditions.

Individual Protection Measures, such as Personal Protective Equipment**Eye/Face Protection**

Eye protection should be worn when splashing may occur.

Skin and Body Protection

Wear suitable gloves when handling this product.

Respiratory Protection

No protective equipment is needed under normal use conditions.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State
Appearance
Color

Powder
Blue
Blue

Odor
Odor Threshold

Fresh
Not determined

Property**Values**

Remarks • Method
(1% solution)

pH (1%)

10.5-11.0

Melting Point/Freezing Point

Not determined

Boiling Point/Boiling Range

Not determined

Flash Point

None (not flammable)

Evaporation Rate

Not determined

Flammability (Solid, Gas)

Not flammable

Upper Flammability Limits

Not determined

Lower Flammability Limit

Not determined

Vapor Pressure

Not determined

Vapor Density

Not determined

Specific Gravity

0.90

Tag Open Cup

Water Solubility	Moderate in water @ 25°C
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Kinematic Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children. Avoid exposure to moisture and high temperatures above 131°F.

Incompatible Materials

Avoid contact with acids, bases, flammable materials, and combustible materials.

Hazardous Decomposition Products

Thermal decomposition may result in the formation of oxygen, carbon monoxide, and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact	Causes eye irritation.
Skin Contact	May cause skin irritation or rash from abrasion.
Inhalation	Avoid breathing dust.
Ingestion	Do not taste or swallow.
Chronic Effects	Excessive, long-term contact may produce "soda ulcers" on hands and perforation of the nasal septum. Sensitivity reactions may occur from prolonged and repeated exposure. Risk of throat, nose bleeds and chronic bronchitis.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Percarbonate 15630-89-4	1034mg/kg	2000mg/kg	>4580mg/m ³ (Rat)
Sodium Carbonate 497-19-8	= 4090mg/kg (Rat)	2000mg/kg	800mg/m ³ (Guinea Pig)

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity
Not determined

Unknown Acute Toxicity None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium Percarbonate 15630-89-4	-	71mg/L (Fathead minnow)	-	4.9mg/L (Daphnia 96hr)
Sodium Carbonate 497-19-8	14mg/L (Phytoplankton 7d)	300-320mg/L (Bluegill 96hr)	-	265mg/L (Daphnia 45hr)

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Chemical Name	California Hazardous Waste Status
Sodium Carbonate 497-19-8	Corrosive

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

Canada – Domestic Substances List (DSL)
TSCA (Toxic Substances Control Act)

All ingredients are listed or exempt.
All ingredients are listed or exempt.

Legend:

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

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

CERCLA

Sodium Percarbonate: 100lbs.

SARA 311/312 Hazard Categories

Immediate (Acute) Health and Delayed (Chronic) Health.

SARA 313

Not determined

US State Regulations

U.S. State Right-to-Know Regulations

The following ingredients appear on various state right to know lists and/or California's Proposition 65 list:

Chemical Name	State List
Sodium Chloride 7647-14-5	NJ, PA
Sodium Percarbonate 15630-89-4	NJ

AZ- Arizona Ambient Air Quality Guidelines

CT- Connecticut Hazardous Air Pollutants

CA- California Director's List of Hazardous Substances

CAP65- California Prop65

FL- Florida Substances List

ID- Idaho Non-Carcinogen Toxic Air Pollutants

IL- Illinois Toxic Air Contaminant- Carcinogenic

MA- Massachusetts Right to Know List

MN- Minnesota Hazardous Substances List

NJ- New Jersey Right to Know List

PA- Pennsylvania Right to Know List

RI- Rhode Island Hazardous Substances List

16. OTHER INFORMATION**NFPA****Health Hazards****Flammability****Instability****Special Hazards****HMIS**

Not determined

Not determined

Not determined

Not determined

Health Hazards**Flammability****Physical Hazards****Personal Protection**

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Glasses, gloves

Issue Date:

08-Aug-2011

Revision/Review Date:

22-Jul-2025

Revision Note:

Version 1.1 Updated Sections 2 & 3.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

*Denotes changes from last version.

End of Safety Data Sheet