Safety Data Sheet Maximum Powder

1 Identification

Product Name:	Maximum Powder
Chemical Name:	N/A
Chemical Formula:	Mixture
Common Name:	Alkaline Powder
CAS Number:	Not established
EPA Registry Number:	Not Established
SDS Number/Product Number:	CL4850
Recommended Use:	Alkaline cleaner designed for aluminum and other soft metals.

Supplier's details

Tysol LLC
4463 White Bear Pkwy Ste 102
White Bear Lake, MN 55110
651-730-4923
info@tysol.com

Emergency phone number
1-800-255-3924 (ChemTel)

2 Hazard(s) identification

Hazard Pictogram(s):

GHS Classification:
Acute Toxicity (Oral), 4
Skin Corrosion, 1B
Eye Damage, 1

GHS Signal Word:
Danger

GHS Precautionary Statements:
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read label before use.

P260: Do not breathe dust.
P264: Wash area of any contact with the skin or eyes thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection. P301: IF SWALLOWED: rinse mouth, do not induce vomiting.
P302: IF ON SKIN, take off immediately all contaminated clothing. Rinse skin with water / shower.
P304: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing.
P311: IF INHALED OR INGESTED: call a poison center or doctor/physician
P321: Specific Treatment: See First Aid information in Section 4 FIRST-AID MEASURES of this SDS. P363: Wash contaminated clothing before reuse.
P501: Dispose of contents/container in accordance with all regulations.

3 Composition/information on ingredients

Description	CAS Number	Composition
Sodium Metasilicate	6834-92-0	<50%
Diethylene Glycol Monobutyl Ether	112-34-5	<2%

4 First-aid measures

Description of first aid measures: Anything other than minor exposure may require calling a Physician immediately.

Inhalation: If inhaled, remove to fresh air. If necessary, give CPR – **warning**, this could pose a risk of exposure to the rescue breather.

Skin Contact: Remove contaminated clothing and shoes. In case of contact, immediately flush skin with water until clean. Get medical attention immediately if irritation (burns, redness, rash, blistering) develops and persists.

Eye Contact: : In case of contact, remove contact lenses, if worn, immediately flush eyes with plenty of water for 15 minutes. If burns occur, get medical attention immediately.

Ingestion: Call a physician or a poison control center immediately with regard to inducing vomiting

Most Important Symptoms: Irritation and possible burning.

Indication of Immediate Medical Attention: No further relevant information available.

5 Fire-fighting measures

Flash Point: Not Applicable
Flammability Class: Non-flammable
Lower Explosive Limit: Not Applicable
Upper Explosive Limit: Not Applicable

Specific Hazards: Caustic, causes irritation and possible burns to skin, eyes, respiratory tract.

Extinguishing Media: Use the appropriate extinguishing media for the surrounding fire.

Fire Fighting Instructions: In any chemical fire, firefighters should wear self-contained breathing apparatus and full protective gear.

6 Accidental release measures

Personal Precautions, protective equipment, emergency procedures: Keep people away from and upwind of spill. Restrict access to area until completion of clean-up. Sweep up and dispose of properly. Refer to protective measures listed in Sections 7 and 8.

Methods and Materials for containment and cleaning up: Sweep up spilled material and dispose of properly.

7 Handling and storage

Precautions for safe handling: Avoid contact with eyes, skin and clothing. Do not taste or swallow. Use only with adequate personal protection. Wash thoroughly after handling. Do not add anything to concentrated product.

Conditions for safe storage: Keep containers tightly closed and store in dry area. Keep away from children.

Incompatible materials: Reacts with acids.

8 Exposure control/personal protection

Exposure Limits:
Sodium Metasilicate, PEL/TLV 10 mg/m^3

Engineering Controls: Use with adequate general and local exhaust ventilation.

Respiratory Protection: Use a NIOSH approved respirator for dust. The level of respiratory protection needed should be based on the required protection factor after evaluating chemical exposures using appropriate industrial hygiene monitoring and/or OSHA guidance.

Skin Protection: Use chemical-resistant gloves.

Eye/Face Protection: Wear chemical splash goggles and/or face shield.

Other protective equipment: Ensure that eyewash stations / safety showers are close to the workstations. Other equipment may be required depending on the workplace standards.

General hygiene considerations: Avoid contact with skin, eyes, and clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practices.

9 Physical and chemical properties

Appearance: Off-White Powder
Auto-ignition Temperature: Not Applicable
Chemical Type: Alkaline
Decomposition Temperature: Not Determined
Evaporation Rate: Not Applicable
Flammability: Non-flammable
Flash Point: Not Applicable
Initial Boiling Point / Boiling Range: Not Applicable
Melting / Freezing Point: Not Determined
Molecular Weight: Not Applicable
Odor Threshold: Not Determined

Odor: Mild odor
Other Physical / Chemical Comments: No additional information
Packing Density: Not Determined
Partition Coefficient: Not Determined
Percent VOCs: 1.4
Percent Volatiles: Not Applicable
pH: 11.5 - 12 at a Concentration of use dilution
Physical State: Granular Solid
Solubility in Water: Complete
Specific Gravity Not Applicable
Upper / Lower Flammability or Explosive Limits: Not Applicable
Vapor Density: Not Applicable
Vapor Pressure: Not Applicable
Viscosity: Not Applicable

10 Stability and reactivity

Reactivity: Reactive with acids.
Chemical Stability: This material is expected to be stable under normal conditions of use.
Possibility of Hazardous Reaction and Conditions to Avoid: None identified.
Incompatible Materials: None identified.
Hazardous Decomposition Products: None identified.
Hazardous Polymerization: Will not occur.

11 Toxicological information

Information on Likely Routes of Exposure:
Routes of entry – Inhalation: Yes
Routes of entry – Eyes: Yes
Routes of entry – Ingestion: Yes
Routes of entry – Skin Contact: Yes

Potential Health Effects:
Signs and symptoms of short term (acute) exposure:
Eye Hazards: May cause irritation to eyes.
Skin Hazards: May cause irritation to skin.
Ingestion Hazards: May irritate gastrointestinal system if swallowed.
Inhalation Hazards: May cause irritation to respiratory tract.

Potential Chronic Health Effects: As listed above.
Mutagenicity: Not expected to be mutagenic in humans.
Carcinogenicity: The product and its ingredients have not been identified as carcinogen or probable carcinogen by NTP, IARC monographs or OSHA.
Reproductive Toxicity: No data available.
Specific Target Organ Effects: No data available.
Toxicological Data: No data available.

12 Ecological information

Ecotoxicity: No data available.
Persistence and Degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.
Other Adverse Effects: No data available.

13 Disposal considerations

Handling for disposal: Handle in accordance with good industrial hygiene and safety practices. Refer to protective measures listed in sections 7 and 8. Empty containers retain residue and can be hazardous.

Methods of disposal: Dispose in accordance with all applicable federal, state provincial and local regulations. Contact your local, state, provincial or federal environmental agencies for specific rules.

RCRA: If this product, as supplied, becomes a waste in the United States, it may meet the criterial of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state federal environmental agencies.

14 Transport information

Land (DOT): Not regulated for Land Transport
Freight Class: 55

15 Regulatory information

US Federal Information:
TSCA Information: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

SARA Section 313 Notification: This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

16 Other information

Disclaimer
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To determine the applicability or effect of any law or regulation with respect to the product, you should consult with your legal advisor or the appropriate government agency. We will not provide advice on such matters or be responsible for any injury or damage resulting for the use of the product described herein.

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