



Safety Data Sheet Sections

| | |
|--|---|
| SECTION 1: IDENTIFICATION | 2 |
| SECTION 2: HAZARD IDENTIFICATION..... | 2 |
| PRECAUTIONARY STATEMENTS | 2 |
| SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS | 3 |
| SECTION 4: FIRST-AID MEASURES..... | 3 |
| SECTION 5: FIRE-FIGHTING MEASURES..... | 4 |
| SECTION 6: ACCIDENTAL RELEASE MEASURES | 4 |
| SECTION 7: HANDLING AND STORAGE | 5 |
| SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION | 5 |
| EXPOSURE LIMITS: | 5 |
| INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT | 5 |
| SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES | 5 |
| SECTION 10: STABILITY AND REACTIVITY | 6 |
| SECTION 11: TOXICOLOGICAL INFORMATION | 6 |
| SECTION 12: ECOLOGICAL INFORMATION | 7 |
| SECTION 13: DISPOSAL CONSIDERATIONS..... | 7 |
| SECTION 14: TRANSPORT INFORMATION..... | 7 |
| SECTION 15: REGULATORY INFORMATION..... | 8 |
| SECTION 16: OTHER INFORMATION | 8 |
| ACRONYM LIST | 8 |


PREPARED BY:

Regulatory Division
Project Clean Inc.
(formerly Maxim Chemical International Inc.)

LAST UPDATE:

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| SECTION 1: IDENTIFICATION | |
|--|--|
| Product Trade Name: | Maxim Magic White |
| Product Code: | 1200591 |
| Recommended Use: | Powdered laundry detergent |
| Restrictions on Use: | For Industrial and Institutional use only |
| Manufacturer Name: | Project Clean Inc. |
| Manufacturer Address: | 1607 Derwent Way, Delta, B.C. Canada V3M 6K8 |
| Manufacturer Phone Number: | 800-663-9925 |
| Email Address of Competent Person Responsible for the SDS: | regulatory@projectclean.com |
| Emergency Phone Number/ 24-Hour Number: | For Transportation Emergencies: Canutec 613-996-6666 Emergency Response Services: Chemtrec 800-424-9300 |

| SECTION 2: HAZARD IDENTIFICATION | |
|----------------------------------|---|
| Physical Hazards: | CORROSIVE TO METALS – Category 1 |
| Health Hazards: | SKIN CORROSION/ IRRITATION – Category 1 |
| | EYE DAMAGE/ IRRITATION – Category 1 |
| | SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE - Category 3 |
| Symbol: |  |
| Signal word: | DANGER |
| Hazard Statement: | H290 May be corrosive to metals. |
| | H314 Causes severe skin burns and eye damage. |
| | H318 Causes serious eye damage. |
| | H335 May cause respiratory irritation. |
| PRECAUTIONARY STATEMENTS | |
| Prevention: | P234 Keep only in original packaging. |
| | P260 Do not breathe dusts or mists. |
| | P264 Wash and rinse skin thoroughly after handling. |
| | P280 Wear protective gloves/ eye protection/ face protection. |
| | P271 Use only outdoors or in a well-ventilated area. |

| SECTION 2: HAZARD IDENTIFICATION | |
|----------------------------------|---|
| Responses: | P390 Absorb spillage to prevent material-damage. |
| | P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting. |
| | P302 + P361 + P354 IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. |
| | P363 Wash contaminated clothing before reuse. |
| | P304 + P340 + P316 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get emergency medical help immediately. |
| | P321 Specific treatment (see supplemental first aid information on this label). |
| | P305 + P354 + P338 + P317 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help. |
| Storage: | P406 Store in a corrosion resistant container with a resistant inner liner. |
| | P405 Store locked up. |
| | P403 + P233 Store in a well-ventilated place. Keep container tightly closed. |
| Disposal: | P501 Dispose of contents/ container to an approved waste disposal plant. |

| SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS | | |
|---|--------------|------------|
| Ingredient | Approx. Wt.% | CAS Number |
| Sodium Carbonate | 65-80 | 497-19-8 |
| Alcohol Ethoxylate | 5-10 | 68439-46-3 |
| Sodium Metasilicate | 5-10 | 6834-92-0 |

| SECTION 4: FIRST-AID MEASURES | |
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| General Information: | Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. |
| Inhalation: | Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention. |
| Skin Contact: | Immediately flush exposed area with plenty of water for at least 10 minutes. If irritation persists, or if contact has been prolonged, obtain medical attention. Remove contaminated clothing and launder before reuse. |

| SECTION 4: FIRST-AID MEASURES | |
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| Eye Contact: | Immediately flush with warm running water for at least 15 minutes, holding eyelids open during flushing. Remove contact lenses, if present and easy to do. If irritation persists, repeat flushing and obtain medical attention immediately. |
| Ingestion: | Do not induce vomiting. If the victim is fully conscious, give plenty of clean water to drink to dilute product. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing. Call a Physician. |
| Self-Protection of the First Aider: | Remove all sources of ignition. Ensure that first aid personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. |
| Most Important Symptoms/ Effects, Acute and Delayed: | <p>Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury. May burn mouth and throat. May cause gastrointestinal irritation or ulceration.</p> <p>Inhalation: Low toxicity. Excessive exposure may cause severe irritation to the upper respiratory tract.</p> <p>Eyes and skin: May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Brief contact may cause skin burns.</p> |
| If irritation occurs or persists, get medical attention. | |

| SECTION 5: FIRE-FIGHTING MEASURES | |
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| Extinguishing Media: | Water fog, alcohol foam, or dry chemical. |
| Flammability: | Not flammable. |
| Flash Point: | Not flammable. |
| Special Firefighting Procedures: | Wear NIOSH/MSHA approved, self-contained breathing apparatus for firefighting situation. Use water spray to cool all nearby fire exposed surfaces. |
| Unusual Fire / Explosion Hazards: | Prolonged contact with sensitive metal may generate explosive hydrogen gas. |
| Hazardous Decomposition Products: | Carbon dioxide, carbon monoxide, hydrogen, irritating gases and vapours. |

| SECTION 6: ACCIDENTAL RELEASE MEASURES | |
|---|--|
| Environmental Protection Precautions: | Do not release to the environment or water source. |
| Steps to be Taken in Case Material is Released or Spilled: | Wear protective equipment. Soak up spills with absorbents, then dispose of in an appropriate waste container. Keep material away from sewers. Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations. |

SECTION 7: HANDLING AND STORAGE

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|---|---|
| Precautions to be Taken in Handling and Storage: | Use good industrial hygiene. Do not get in eyes, on skin or on clothing. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Keep out of reach of children. Store at temperatures below 30°C and keep from freezing. Prolonged storage may cause product to cake and become damp from atmospheric moisture. |
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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE LIMITS:**

| | | |
|---|---|---------------------------|
| OSHA (PEL): N/A | ACGIH TLV: N/A | Other exposure limit: N/A |
| INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT | | |
| Appropriate Engineering Controls: | Good general ventilation. | |
| Skin Protection: | Hand Protection: Butyl rubber, neoprene, latex or nitrile gloves. Other Skin Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved. Appropriate footwear should be selected based on the task being performed and the risks involved. | |
| Eye and Face Protection: | Use chemical goggles or safety glasses. | |
| Respiratory Protection: | In case of insufficient ventilation, wear suitable respiratory equipment. | |
| Other Protective Equipment: | Eye wash, safety shower and full protective clothing recommended in the immediate work area. | |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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|---|---------------------------|
| Appearance: | White powder. |
| Odour: | Lemon scent. |
| Odour threshold: | N/A |
| pH: | 11.8-12.5 (3.1% solution) |
| Melting point/Freezing point: | N/A |
| Initial boiling point and boiling range: | N/A |
| Flash Point: | > 100°C |
| Evaporation Rate (Water=1): | N/A |
| Flammability: | Not flammable |

PREPARED BY:

Regulatory Division
Project Clean Inc.
(formerly Maxim Chemical International Inc.)

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| SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES | |
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| Upper/Lower flammability or explosive limits: | None |
| Vapour pressure: | N/A |
| Vapour density: | N/A |
| Relative density/Specific gravity (Water = 1): | 1.08 @ 20°C |
| Solubility(ies): | Soluble in water |
| Partition coefficient: n-octanol/water: | N/A |
| Auto-ignition temperature: | Not flammable |
| Decomposition temperature: | N/A |
| Viscosity: | N/A |
| VOCs: | N/A |

| SECTION 10: STABILITY AND REACTIVITY | |
|--------------------------------------|--|
| Reactivity: | N/A |
| Chemical stability: | Stable under normal storage conditions. |
| Possibility of hazardous reactions: | Contact with acids will cause evolution of heat. Flammable hydrogen gas can be generated on prolonged contact of water solutions with sensitive metals (aluminum, brass, copper, lead, tin, zinc). Carbon monoxide gas may be produced on contact with reducing sugars. Generates heat when mixed with acid. May react with ammonium salt solutions resulting in evolution of ammonia gas. May etch glass if not promptly removed. |
| Conditions to avoid: | Temperatures above 30°C and below 5°C. Exposure to air or moisture over prolonged periods. |
| Incompatibility: | Acids, sensitive metals, sugars, ammonium salt, oxidizing agents, moisture. |
| Hazardous Decomposition Products: | Carbon dioxide, carbon monoxide, hydrogen, irritating gases and vapours. |

| SECTION 11: TOXICOLOGICAL INFORMATION | |
|---------------------------------------|---|
| Likely routes of exposure: | Ingestion, skin and eye contact. |
| Symptoms: | May cause respiratory tract irritation. May irritate the lungs. Corrosive to the respiratory passage, eyes and skin. Burns mouth, throat and stomach. |
| Acute Toxicity Estimates: | LD ₅₀ Oral >2000 g/kg |
| | LD ₅₀ Dermal > 2000 mg/kg |

| SECTION 11: TOXICOLOGICAL INFORMATION | |
|---------------------------------------|---|
| Skin Sensitization: | 0.02156% of the mixture consists of skin sensitizing ingredients. |
| Germinal Cell Mutagenicity: | Data available on components indicates no potential germinal cell mutagenicity. |
| Reproductive Toxicity: | Data available on components indicates no potential reproductive toxicity. |
| Carcinogenicity: | Not listed by NTP, IARC, OSHA, ACGIH. |
| Aspiration Hazard: | Data available on components indicates no potential aspiration hazard. |

| SECTION 12: ECOLOGICAL INFORMATION | |
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| Toxicity to Fresh Water Algae: | N/A |
| Toxicity to Fish Species: | <p>Sodium Metasilicate (CAS# 6834-92-0): LC₅₀ (Brachydanio rerio) 210 mg/L, Exposure Time: 96 h, Test Type: N/A</p> <p>Sodium Carbonate (CAS# 497-19-8) : LC₅₀ (Pimephales promelas) 310-1220 mg/L, Exposure Time: 96 h, Test Type: Static LC₅₀ (Lepomis macrochirus) 300 mg/L, Exposure Time: 96 h, Test Type: Static</p> |
| Toxicity to Aquatic Invertebrates: | <p>Sodium Carbonate (CAS# 497-19-8) : EC₅₀ (Daphnia magna) 265 mg/L, Exposure Time: 48 h, Test Type: N/A</p> |
| Persistence and degradability: | N/A |

| SECTION 13: DISPOSAL CONSIDERATIONS | |
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| Recommended Waste Disposal Methods: | Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations. |

| SECTION 14: TRANSPORT INFORMATION | |
|--------------------------------------|----------------|
| Canadian TDG UN Number: | Not regulated. |
| UN Proper Shipping Name: | Not regulated. |
| Transport Hazard Class(es): | Not regulated. |
| Packing Group: | Not regulated. |
| Environmental Hazards: | Not available. |
| Special Precautions for User: | Not available. |
| Additional Information: | Not available. |

| SECTION 15: REGULATORY INFORMATION | | | | | | | | | |
|---|---|---|--------|---|--------------|---|------------|---|---------------------|
| <p>HAZARD RATING INFORMATION</p> <p>4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant</p> | <p>HMIS</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="background-color: #0070c0; color: white; text-align: center;">2</td> <td style="background-color: #0070c0; color: white;">Health</td> </tr> <tr> <td style="background-color: #ff0000; color: white; text-align: center;">0</td> <td style="background-color: #ff0000; color: white;">Flammability</td> </tr> <tr> <td style="background-color: #ffff00; text-align: center;">0</td> <td style="background-color: #ffff00;">Reactivity</td> </tr> <tr> <td style="text-align: center;">B</td> <td>Personal protection</td> </tr> </table> <p>B = Safety glasses + gloves</p> | 2 | Health | 0 | Flammability | 0 | Reactivity | B | Personal protection |
| 2 | Health | | | | | | | | |
| 0 | Flammability | | | | | | | | |
| 0 | Reactivity | | | | | | | | |
| B | Personal protection | | | | | | | | |
| <p>HMIS Protection Group B</p> | | | | | | | | | |
| <p>All pertinent hazard information has been provided in this SDS, per the requirements of the U.S. Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalent Standards, and the Canadian Workplace Hazardous Materials Identification System Standards (CPR 4).</p> | | | | | | | | | |

| SECTION 16: OTHER INFORMATION | |
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| ACRONYM LIST | |
| ACGIH | American Conference of Governmental Industrial Hygienists |
| CFR | Code of Federal Regulations |
| DSL/NDL | Domestic Substances List/ Non-domestic Substance List |
| EC₅₀ | Half maximal effective concentration |
| HMIS | Hazardous Materials Identification System |
| IARC | International Agency for Research on Cancer |
| LC₅₀ | Lethal concentration, 50% |
| LD₅₀ | Lethal dose, 50% |
| MSHA | Mine Safety and Health Administration |
| N/A | Not Available |
| NIOSH | The National Institute for Occupational Safety and Health |
| NTP | National Toxicology Program |

| SECTION 16: OTHER INFORMATION | |
|--------------------------------------|--|
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| SDS | Safety Data Sheets |
| STOT – SE | Specific Target Organ Toxicity – Single Exposure |
| STOT – RE | Specific Target Organ Toxicity – Repeated Exposure |
| TDG | Transportation of Dangerous Goods |
| TLV | Threshold Limit Value |
| UN | United Nations |
| VOCs | Volatile Organic Compounds |
| WHMIS | Workplace Hazardous Materials Information System |

It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. Project Clean Inc. (formerly Maxim Chemical International Inc.) will accept no liability for damages or loss incurred from the improper handling and use of this product.

The information provided in the Safety Data Sheet has been obtained from current sources and is believed to be reliable.