

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: PROMASTER Powder Bleach Product Code: PROMASTER Powder Bleach

Trade Name: PROMASTER Powder Bleach

Recommended use: Hair Lightener Product

Manufacturer/Supplier: Teluca Inc.
29-75 Riverside Ave., #9
Newark, NJ 07104

Telephone Number: 973-232-0002

**For Chemical Emergency
Spill, Leak, Fire, Exposure, or Accident
call CHEMTREC Day or Night**

Within USA and Canada: 1-800-424-9300

Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

Product Use: Hair Bleaching Powder

Not recommended for: Non Tonsorial Usage

SECTION 2: HAZARD IDENTIFICATION

GHS Ratings:

Oxidizing solid	3	Oxidizing solid class 3
Oral Toxicity	Acute Tox. 4	Oral>300+<=2000mg/kg
Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3
Eye corrosive	2B	Mild eye irritant: Subcategory 2B, Reversible in 7 days
Skin sensitizer	1	Skin sensitizer

GHS Hazards

H272	May intensify fire; oxidizer
H302	Harmful if swallowed
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H320	Causes eye irritation

GHS Precautions

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P220	Keep/Store away from clothing/.../combustible materials
P221	Take any precaution to avoid mixinn with combustibles
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash ... thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P321	Specific treatment (see ... on this label)
P330	Rinse mouth

P363 Wash contaminated clothing before reuse
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P302+P352 IF ON SKIN: Wash with soap and water
P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P332+P313 If skin irritation occurs: Get medical advice/attention
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention
P337+P313 If eye irritation persists, get medical advice/attention
P370+P378 In case of fire: Use ... for extinction
P501 Dispose of contents/container to ...

Signal Word: Warning



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Potassium Persulfate	7727-21-1/231-781-8	40.00% - 50.00%
Sodium Silicate	1344-09-8/215-687-4	20.00% - 30.00%
Sodium Persulfate	7775-27-1/231-892-1	10.00% - 20.00%
Sodium Metasilicate	6834-92-0/229-912-9	5.00% - 10.00%
Ammonium Chloride	12125-02-9/235-186-4	5.00% - 10.00%
Xanthan Gum	11138-66-2/234-394-2	1.00% - 5.00%
Cellulose Gum, Polysaccharide	9004-32-4	1.00% - 5.00%
Magnesium Stearate	557-04-0	1.00% - 5.00%
Tetrasodium EDTA	64-02-8/200-573-9	0.10% - 1.00%
Ultramarine Blue CI 77007	101357-30-6/309-928-3	0.10% - 1.00%
Arginine	74-79-3 / 200-811-1	0.10% - 1.00%
Polyquaternium 10	81859-24-7	0.10% - 1.00%
White Mineral Oil	8042-47-5/232-455-8	0.10% - 1.00%

SECTION 4: FIRST AID MEASURES

Inhalation: nasal irritation, headache, dizziness, nausea, vomiting, heart palpitations, breathing difficulty, cyanosis, tremors, weakness, irritability.

Remove exposed person from source of exposure to fresh air. If not breathing, clear airway and start cardiopulmonary resuscitation (CPR), avoid mouth-to-mouth resuscitation.. Seek immediate medical assistance.

Eye contact: Eye irritation. Flush immediately with large amounts of water for at least 15 minutes, with eyelids held apart. Get immediate medical attention.

Skin Contact: Itching or burning of the skin. Immediately flush the skin with plenty of water while removing contaminated clothing and shoes. Get immediate medical attention. Wash contaminated clothing before re-use.

Ingestion: Get immediate medical attention. Do NOT induce vomiting unless directed by medical personnel.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: None

LEL:

UEL:

Use plenty of Water to extinguish fires. Water fog.

Decomposition may intensify fire. Presence of water accelerates decomposition.

Combustion products: Irritating or toxic substances may be emitted upon thermal decomposition. Thermal decomposition products may include oxides of carbon and nitrogen..

Do not use CO2 or other gas-filled extinguishers, they will have no effect on decomposing persulfates.

Special protective equipment and precaution for fire fighters: For fires in enclosed areas, wear self-contained breathing apparatus, and full-protective clothing . Do not inhale combustion gases..

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions:

Depending on extent of release, consider the need for fire fighters/emergency responders with adequate personal protective equipment for cleaning up.

Do not eat, drink or smoke while cleaning up. Use a self-contained respirator, a mask with filter (type A class 3) or a filtering mask (e.g. EN 405). Wear protective clothing, safety glasses and impervious gloves (e.g. neoprene gloves). Ensure adequate ventilation. Avoid all sources of ignition, hot surfaces and open flames (see also Section 7)

Environmental precautions:

Prevent spills from entering storm sewers or drains and contact with soil.

Methods and materials for containment and cleaning up:

Eliminate all ignition sources. Runoff may create fire or explosion hazard in sewer system. Absorb on fire retardant, liquid-absorbing material (treated sawdust, diatomaceous earth, sand). shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal (see also Section 13).

Small spills:

Shovel/sweep up spilled material. Place in a DOT approved container, diluted with a large quantity of water, for disposal, according to regulatory agencies procedures.

Large spills:

Treat as with small spills, except for dilution. Do not use sawdust as absorbent material.

SECTION 7: HANDLING AND STORAGE

Handling:

Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. wash hands before eating, drinking, smoking. remove contaminated clothing and clean before re-use. Destroy all items than cannot be decontaminated, such as belts and shoes.

Keep away from heat and flame. Keep operating temperatures below ignition temperatures at all times. Use non-sparking tools.

Storage: Store in a cool DRY place. Moisture (water/water vapor) will cause deterioration and gas emission.

Combustible Powder: Avoid creating dusty conditions: grounding is required when emptying into a conductive container .For product packaged in fused-lined (coated) fibre drums, or fibre drums with conductive liners, ALWAYS ground the package before emptying.

Other Precautions:

Workers should shower and wear a fresh change of clothing after each shift. Wash all exposed areas with soap and water before eating and handling material. In case of fire or decomposition, deluge with plenty of water to control decomposition.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Potassium Persulfate 7727-21-1/231-781-8	Not Established	Not Established	Not Established
Sodium Silicate 1344-09-8/215-687-4	Not Established	Not Established	Not Established

Sodium Persulfate 7775-27-1/231-892-1	Not Established	0.1 mg/m ³	Not Established
Sodium Metasilicate 6834-92-0/229-912-9	PEL = 2 mg/m ³	Not Established	Not Established
Ammonium Chloride 12125-02-9/235-186-4	Not Established	10 mg/m ³ (TLV as fume) 20 mg/m ³ (as STEL) 1998	Not Established
Xanthan Gum 11138-66-2/234-394-2	Not Established	Not Established	Not Established
Cellulose Gum, Polysaccharide 9004-32-4	Not Established	Not Established	Not Established
Magnesium Stearate 557-04-0	Not Established	Not Established	Not Established
Tetrasodium EDTA 64-02-8/200-573-9	PEL 5 ppm 9 mg/m ³	TWA 5 ppm: STEL 10 ppm	Not Established
Ultramarine Blue CI 77007 101357-30-6/309-928-3	Not Established	Not Established	10 mg/m ³ /8hr Inhalation
Arginine 74-79-3 / 200-811-1	Not Established	Not Established	Not Established
Polyquaternium 10 81859-24-7	Not Established	Not Established	Not Established
White Mineral Oil 8042-47-5/232-455-8	5 mg/m ³ TWA	5 mg/m ³ TWA 10 mg/m ³ STEL	NIOSH: 2500 mg/m ³ IDLH As Oil Mist, If Generated

Work in well ventilated areas. Do not breathe dust.

Local/Mechanical exhaust as needed to prevent dust into the work area. .

Wear appropriate NIOSH/MSHA approved respirator in unvented areas. Use non permeable gloves to prevent skin exposure, and chemical splash goggles or safety glasses for eye protection and as good industrial hygiene practice.

Remove contaminated clothing and wash before re-use.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Melting point/Freezing point: N/A

pH (1% aqueous): >10

Bulk Density: Un-tamped 65.14 kg/m³ Tamped 97.77 kg/m³

Flash point: N/A

Upper/lower flammability or explosive limits: N/K

Vapor Pressure: N/A

Solubility: Soluble in Water

Decomposition temperature: Ambient

Appearance Blue, dust free Physical State Powder Specific Gravity (SG) 1.841	Odor Characteristic Almond fragrance Boiling Point 520 °C
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SECTION 10 : STABILITY AND REACTIVITY

Decomposes rapidly when heated. In addition, moisture (water/water vapor) must be avoided, as well as reducing agents and heavy metals.

STABLE

Incompatibility:

Acids, Alkalis, Halides, Combustible materials, Heavy metals and oxidizable materials.

Oxidizing Agents, water/ moisture

None known.

Acids, acid chlorides, acid anhydrides, chloroformates strong oxidizing agents..

Avoid strong oxidizing agents such as peroxide, chlorates, perchlorates, nitrates and permanganates. These agents may vigorously evolve oxygen in large amounts.

Strong acids, strong oxidising agents and strong bases.

C

oncentrated acids

Hazardous decomposition products:

Oxygen which supports combustion and oxides of Sulfur and Nitrogen

When heated to decomposirtion can emit acid odor..

Carbon dioxide, carbon monoxide, metal oxide/oxides

None known to manufacturer..

Oxygen which supports combustion.

Carbon monoxide, carbon dioxide and acid fumes.

Oxides of nitrogen, aromatic amines and amine derivatives.

Hydrogen Gas

Hazardous polymerization will not occur.

SECTION 11 : TOXICOLOGICAL INFORMATION

Mixture Toxicity

Oral Toxicity LD50: 1,369mg/kg

Inhalation Toxicity LC50: 26mg/L

Component Toxicity

Routes of Entry

Inhalation Skin Contact Eye Contact Ingestion

Exposure to this material may affect the following organs:

Eyes Lungs Skin Other

Effects of Overexposure

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
64-02-8/200-573-9	Tetrasodium EDTA	.11 to 1.0%	Tetrasodium EDTA: IARC 1, 2A or 2B carcinogen; NTP listed carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

Biodegradability: Not determined

Aquatic Toxicity: Not determined

Bio-Accumulative Potential: Not determined

Component Ecotoxicity

Sodium Persulfate

Bluegill sunfish, 96-hour LC50 = 771 mg/L
Rainbow trout, 96-hour LC50 = 163 mg/L
Daphnia, 48-hour LC50 = 133 mg/L
Grass shrimp, 96-hour LC50 = 519 mg/L

Tetrasodium EDTA

12.1 Toxicity

Ecotoxicity

Tetrasodium ethylene diamine

tetraacetate ; EC 50 (Daphnia magna, 48 h) : >100 mg/l

EC 50 (Algae, 72 h) : >100 mg/l (Scenedesmus

subspicatus)

LC 50 (Fish, 96 h): >100 mg/l (Lepomis

macrochirus)

12.2 Persistence and
degradability:

Biodegrade not easily

12.3 Bioaccumulation
potential:

Little chance on bioaccumulation

12.4 Mobility in

soil:

Good soluble in water

12.5 Results of PBT and vPvB
assessment:

PBT/vPvB:

No

12.3 Other adverse

affects:

2 (Water pollutant)

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal:

Dispose of in a manner consistent with Federal, State and Local regulations.

RCRA D-Series Maximum Concentration of Contaminants: None listed

RCRA D-Series Chronic Toxicity Reference Levels: None listed

RCRA F-Series: None listed

RCRA P-Series: None listed

RCRA U-Series: None listed

SECTION 14 : TRANSPORT INFORMATION

UN #/ Packing Group: UN 1479, PG III

UN Proper Shipping Name: Oxidizing Solid, N.O.S. (Potassium Persulfate)

Transport Hazard Class: 5.1

DOT Regulated/Label required: Yes/Oxidizer

Marine Pollutant: Not listed

SECTION 15: REGULATORY INFORMATION

Extraordinarily Hazardous Substance:
(N.J.A.C. 7:31-2)

European Information Guideline: **93/21**
Symbol and Classification: Xn: Harmful

R Phrases: R20/21/22: harmful by inhalation, in contact with skin, and if swallowed.

S Phrases: S 24/25: Avoid contact with skin and eyes.
S26: In case of contact with eyes, rinse immediately with plenty of water, and seek medical advice.
S36: Wear suitable protective clothing

Country **Regulation** **All Components Listed**

EU Risk Phrases

Safety Phrase

U.S. TSCA Status:

All ingredients are listed

- 9004-32-4 Cellulose Gum, Polysaccharide 1.0 - 5%
- 81859-24-7 Polyquaternium 10 0.1 - 1.0%
- 74-79-3 / 200-811-1 Arginine 0.1 - 1.0%
- 7757-82-6/2318209 Sodium Sulfate 0.1 - 1.0%
- 557-04-0 Magnesium Stearate 1.0 - 5%
- 101357-30-6/309-928-3 Ultramarine Blue CI 77007 0.1 - 1.0%

SARA Title III Sec.302-303 Ingredients are not listed
(40CFR 355)

SARA TITLE III **Acute: Yes**
Hazard Classifications: **Chronic: No**
Section 311,312 **Fire: Yes**
(40 CFR 370) **Reactivity: No**
 Pressure: No

SARA Title III Sec.313 Reporting:
(40 CFR 372) Ingredients are not listed.
7775-27-1/231-892-1 Sodium Persulfate 10 - 20%
6834-92-0/229-912-9 Sodium Metasilicate 5 - 10%

SECTION 16: OTHER INFORMATION

Hazardous Material Information System (HMIS)

National Fire Protection Association (NFPA)

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	F

HMIS & NFPA Hazard Rating Legend

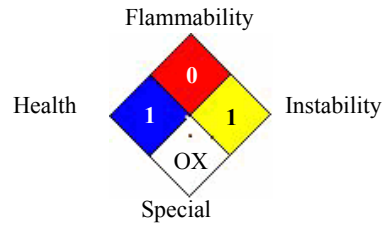
* = Chronic Health Hazard

0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH



The information and recommendations set forth herein are presented in good faith and believed to be as correct as of the date hereof. Information is supplied upon the condition that the receiving concern will make their own determination as to its suitability for their purpose prior to use. In no event will Teluca Inc. be held responsible for damage of any nature whatsoever resulting from the use of, or reliance upon this information.

Reviewer Revision

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