

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

Majestic Total

Product Use

Washing powder

Restrictions on Use

for professional use only.

Details of the supplier of the safety data sheet

Cole & Wilson, LLC

100 Laurel Street, Ste 120

East Bridgewater, MA 02333, USA

Phone: +1 281 231 2805

Website: www.coleandwilson.com

Emergency Phone #: Chemtrec: 1-800-424-9300

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Serious Eye Damage/Eye Irritation - Category 1

GHS Label Elements

Symbol(s)



Signal Word

Danger

Hazard Statement(s)

Causes serious eye damage.

Precautionary Statement(s)

Prevention

Wear eye protection/face protection.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a POISON CENTER or doctor.

Storage

None needed according to classification criteria.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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CAS	Component Name	Percent
7757-82-6	Proprietary sulfate	25-30
7758-29-4	Proprietary triphosphate	15-20
15630-89-4	Sodium percarbonate	5-15
497-19-8	Disodium carbonate	5-10
144-55-8	Proprietary carbonate	5-10
157627-86-6	Alcohols, C13-15, branched and linear, ethoxylated	1-5
10543-57-4	Proprietary amide	1-5
14987-04-3	Proprietary oxide	1-5
68989-22-0	Proprietary mineral	1-5
9000-11-7	Proprietary ether	1-5
85536-14-7	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives	1-5
25322-68-3	Proprietary glycol	0.1-0.5

Component Related Regulatory Information

The chemical identity and/or percentage of composition is being withheld as a trade secret.

Section 4 - FIRST AID MEASURES

Inhalation

If adverse effects occur, get immediate medical attention.

Skin

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

Most Important Symptoms/Effects

Acute

Eye burns

Delayed

No information on significant adverse effects.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

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Foam, sand, carbon dioxide, water

Unsuitable Extinguishing Media

None known.

Special Hazards Arising from the Chemical

None known.

Hazardous Combustion Products

No known hazardous decomposition products.

Fire Fighting Measures

Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Stay away from the ends of tanks. Stay upwind and keep out of low areas.

Special Protective Equipment and Precautions for Firefighters

Wear personal protective clothing and equipment such as self-contained breathing apparatus (SCBA) for protection against possible exposure.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up

Stop leak if possible without personal risk. Shovel material into appropriate container for disposal. Keep unnecessary people away, isolate hazard area and deny entry.

Environmental Precautions

Avoid release to the environment.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Do not eat, drink or smoke when using this product. Avoid contact with eyes and skin. Do not breathe dusts or mists. Wash hands thoroughly after handling. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace. Keep only in original container.

Conditions for Safe Storage, Including any Incompatibilities

None needed according to classification criteria.

Keep away from incompatible materials. Store in a tightly closed container. Store in a cool, dry area.

Incompatible Materials

Do not mix with other chemicals.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

EU - Occupational Exposure (98/24/EC) - Binding Biological Limit Values and Health Surveillance Measures

There are no biological limit values for any of this product's components.

ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)

There are no biological limit values for any of this product's components.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

Wear safety glasses with side shields. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

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Skin Protection

Wear suitable protective clothing. Wear chemical resistant clothing to prevent skin contact.

Respiratory Protection

Any self-contained breathing apparatus that has a full face piece and is operated in a pressure-demand or other positive-pressure mode.

Glove Recommendations

Wear appropriate chemical resistant gloves.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	powder	Physical State	solid
Odor	Perfumed	Color	white
Odor Threshold	Not available	pH	10.3 , conc: 1 % (± 0.5 Estimate)
Melting Point	Not available	Boiling Point	Not available
Boiling Point Range	Not available	Freezing point	Not available
Evaporation Rate	Not available	Flammability (solid, gas)	Not available
Autoignition Temperature	Not available	Flash Point	Not available
Lower Explosive Limit	Not available	Decomposition temperature	Not available
Upper Explosive Limit	Not available	Vapor Pressure	Not available
Vapor Density (air=1)	Not available	Specific Gravity (water=1)	Not available
Water Solubility	Not available	Partition coefficient: n-octanol/water	Not available
Viscosity	Not available	Solubility (Other)	Not available
Density	750 - 850 g/l	Physical Form	powder
Molecular Weight	Not available		

Section 10 - STABILITY AND REACTIVITY

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Reactivity

No reactivity hazard is expected.

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

Will not occur.

Conditions to Avoid

Air, humid

Incompatible Materials

Do not mix with other chemicals.

Hazardous decomposition products

No known hazardous decomposition products.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation

No information on significant adverse effects.

Skin Contact

No information on significant adverse effects.

Eye Contact

Causes serious eye damage.

Ingestion

No information on significant adverse effects.

Acute and Chronic Toxicity

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Proprietary sulfate ()

Oral LD50 Rat >10000 mg/kg

Proprietary triphosphate ()

Oral LD50 Rat 3120 mg/kg

Dermal LD50 Rabbit >7940 mg/kg

Sodium percarbonate (15630-89-4)

Oral LD50 Rat 1034 mg/kg

Dermal LD50 Rabbit >2000 mg/kg

Disodium carbonate (497-19-8)

Oral LD50 Rat 4090 mg/kg

Dermal LD50 Mouse 2210 mg/kg

Inhalation LC50 Rat 2300 mg/m³ 2 h

Proprietary carbonate ()

Oral LD50 Rat 4220 mg/kg

Proprietary amide ()

Oral LD50 Rat >2000 mg/kg (no deaths occurred)

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives (85536-14-7)

Oral LD50 Rat 1219 mg/kg

Proprietary glycol ()

Oral LD50 Rat 22 g/kg

Dermal LD50 Rabbit >20 mL/kg

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Water (7732-18-5)

Oral LD50 Rat >90 mL/kg

Product Toxicity Data

Acute Toxicity Estimate

Dermal	> 2000 mg/kg
Oral	> 2000 mg/kg

Immediate Effects

Eye burns

Delayed Effects

No information on significant adverse effects.

Irritation/Corrosivity Data

, eye burns

Respiratory Sensitization

No data available.

Dermal Sensitization

No data available.

Component Carcinogenicity

Proprietary mineral	
IARC:	Monograph 68 [1997] (Group 3 (not classifiable))

Germ Cell Mutagenicity

No data available.

Tumorigenic Data

No data available

Reproductive Toxicity

No data available.

Specific Target Organ Toxicity - Single Exposure

No target organs identified.

Specific Target Organ Toxicity - Repeated Exposure

No target organs identified.

Aspiration hazard

No data available.

Medical Conditions Aggravated by Exposure

No data available.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Analysis - Aquatic Toxicity

Proprietary sulfate	
Fish:	LC50 96 h Pimephales promelas 13500 - 14500 mg/L; LC50 96 h Pimephales promelas >6800 mg/L [static]; LC50 96 h Lepomis macrochirus 3040 - 4380 mg/L [static]; LC50 96 h Lepomis macrochirus 13500 mg/L
Invertebrate:	EC50 48 h Daphnia magna 2564 mg/L IUCLID

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Sodium percarbonate	15630-89-4
Fish:	LC50 96 h Pimephales promelas 70.7 mg/L [static]
Invertebrate:	EC50 48 h Daphnia pulex 4.9 mg/L IUCLID
Disodium carbonate	497-19-8
Fish:	LC50 96 h Lepomis macrochirus 300 mg/L [static] ; LC50 96 h Pimephales promelas 310 - 1220 mg/L [static]
Invertebrate:	EC50 48 h Daphnia magna 265 mg/L IUCLID
Proprietary carbonate	
Fish:	LC50 96 h Lepomis macrochirus 8250 - 9000 mg/L [static]
Invertebrate:	EC50 48 h Daphnia magna 2350 mg/L IUCLID
Proprietary amide	
Fish:	LC50 96 h Brachydanio rerio >500 mg/L [static]
Invertebrate:	EC50 48 h Daphnia magna >800 mg/L IUCLID
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives	85536-14-7
Fish:	LC50 96 h Cyprinus carpio 5.6 mg/L [flow-through]
Algae:	EC50 72 h Desmodesmus subspicatus 36 mg/L IUCLID
Invertebrate:	EC50 48 h Daphnia magna 5.2 mg/L IUCLID

Persistence and Degradability

Neutralize prior to disposal.

Bioaccumulative Potential

No information available for the product.

Mobility

No information available for the product.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents/container in accordance with local/regional/national/international regulations.

Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components

Section 14 - TRANSPORT INFORMATION check with Steve

US DOT Information:

Not regulated for transportation

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IMDG Information:

Not regulated for transportation

TDG Information:

Not regulated for transportation

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA Section 311/312 (40 CFR 370 Subparts B and C) 2016 reporting categories

Acute Health: Yes **Chronic Health:** No **Fire:** Yes **Pressure:** No **Reactivity:** Yes

SARA Section 311/312 (40 CFR 370 Subparts B and C) 2017 reporting categories

Serious Eye Damage/Eye Irritation;

U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA
Proprietary sulfate		No	Yes	No	No	Yes
Proprietary triphosphate		Yes	Yes	No	No	Yes
Proprietary glycol		No	No	Yes	No	No

Not listed under California Proposition 65

Canada Regulations

Canadian WHMIS Ingredient Disclosure List (IDL)

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL

Disodium carbonate	497-19-8
	1 %

Component Analysis - Inventory

Proprietary sulfate ()

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes

Proprietary triphosphate ()

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW

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Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes
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Sodium percarbonate (15630-89-4)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	No	Yes

Disodium carbonate (497-19-8)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes

Proprietary carbonate ()

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes

Alcohols, C13-15, branched and linear, ethoxylated (157627-86-6)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	NSL	No	No	No	No	No	No	No	No	Yes	Yes	No	Yes

Proprietary amide ()

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	Yes

Proprietary oxide ()

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes

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Proprietary mineral ()

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
No	DSL	No	Yes	Yes	No	No	Yes	No	No	Yes	Yes	No	Yes

Proprietary ether ()

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	No	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives (85536-14-7)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	No	No	Yes	No	No	Yes	Yes	No	Yes

Proprietary glycol ()

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	No	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	No	Yes

Water (7732-18-5)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes

Tinopal CBS-X (NA-2)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
No	No	No	No	No	No	No	No	No	No	No	No	No	No

Tinopal DMA-X (NA-3)

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US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
No	No	No	No	No	No	No	No	No	No	No	No	No	No

PARFUM FRESH CITRUS SL138990 (NA-4)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
No	No	No	No	No	No	No	No	No	No	No	No	No	No

Copolymer, polyacrylate-maleate MW=50K (NA-5)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
No	No	No	No	No	No	No	No	No	No	No	No	No	No

Dequest SPE9410 - Dequest 2047 - Sequion CS30 (NA-6)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
No	No	No	No	No	No	No	No	No	No	No	No	No	No

Pelben 35 White N (NA-7)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
No	No	No	No	No	No	No	No	No	No	No	No	No	No

Dequest 2016BD - Aquacid 1052 P (NA-8)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
No	No	No	No	No	No	No	No	No	No	No	No	No	No

Purafect 9000 D (NA-9)

US	CA	EU	AU	PH	JP -	JP -	KR KECI -	KR KECI -	KR -	CN	NZ	MX	TW
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					ENCS	ISHL	Annex 1	Annex 2	REACH CCA				
No	No	No	No	No	No	No	No	No	No	No	No	No	No

Trepalbe T100G 89% (NA-10)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
No	No	No	No	No	No	No	No	No	No	No	No	No	No

Section 16 - OTHER INFORMATION

NFPA Ratings

Health: 3 Fire: 0 Reactivity: 2

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Summary of Changes

Section 1, 2, 3, 14

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania*; CAS - Chemical Abstracts Service; CFR - Code of Federal Regulations (US); CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EC - European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan; Kow - Octanol/water partition coefficient; KECI - Korea Existing Chemicals Inventory; KECL - Korea Existing Chemicals List; KR - Korea; LD50/LC50 - Lethal Dose/ Lethal Concentration; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX - Mexico; NDSL - Non-Domestic Substance List (Canada); NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH - Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TCCA - Korea Toxic Chemicals Control Act; TDG - Transportation of Dangerous Goods; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TW - Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; VLE - Exposure Limit Value (Mexico); WHMIS - Workplace Hazardous Materials Information System (Canada).

Other Information

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Disclaimer:

Supplier gives no warranty whatsoever, including the warranties of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser shall determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental, consequential or any other damages arising out of the use or misuse of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.