


1. IDENTIFICATION

Product Name:	All-Nutrient Powder Lightener All-Nutrient Blue Powder Lightener
Product Identification:	All-Nutrient® Powder Lightener All-Nutrient® Blue Powder Lightener
Recommended use:	Bleaching powder for hair (for cosmetic use)
Restrictions on Use:	For professional use only
Supplier:	Chuckles, Inc. 11925 South Willow St Manchester, NH 03103
Emergency phone number:	(603) 669-4228
Transportation emergency:	(603) 669-4228
Product Type:	Powder

2. HAZARDS IDENTIFICATION

Emergency Overview:	This product is not expected to produce significant adverse health effects when the recommended instructions are followed.
Classification of the substance or mixture:	<p>2.1 This product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.</p> <p>2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments</p>
Hazards classification and indication:	<p>2.1.12. 67/548/EEC and 1999/45/EC Directives and following amendments and adjustments.</p> <p>Danger Symbols: Skin sensitization category 1 Xn</p> <p>R phrases: 22-36/37/38-42/43</p> <p>The full wording of the Risk (R) and Hazard (H) phrases is given in section 16 of this sheet.</p>
Label elements:	Hazard labelling pursuant to EC Regulation 127/2008 (CLP) and subsequent amendments and supplements.
Hazard pictograms:	
Hazard statements:	<p>Signal words: Danger</p> <p>H272 May intensify fire; oxidizer. H302 Harmful if swallowed. H318 Causes serious eye damage. H315 Causes skin irritation. H335 May cause respiratory irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H 317 May cause an allergic skin reaction</p>
Precautionary statements:	<p>P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking P220 Keep/Store away from clothing and combustible materials. P264 Wash thoroughly after handling. P280 Wear protective gloves/eye protection/face protection. P284 Wear respiratory protection. P301+ P312 IF SWALLOWED call a POISON CENTER or doctor if you feel unwell. P304 + P340 IF INHALED remove victim to fresh air and keep at rest in a position comfortable for breathing.</p>

Other hazards: On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number
Sodium Silicate	1344-09-8
Ammonium Peroxydisulphate	7727-54-0
Dipotassium Peroxodisulphate	7727-21-1

4. FIRST AID MEASURES

- Eye Contact:** Remove contact lenses if present, wash immediately Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get immediate medical attention.
- Skin contact:** Remove contaminated clothing. Rinse skin with shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using again.
- Inhalation:** Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.
- Ingestion:** Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorized by a doctor.

5. FIRE-FIGHTING MEASURES

- Extinguishing Media:** SUITABLE EXTINGUISHING EQUIPMENT
Extinguishing substances are: carbon dioxide and chemical powder. For product loss or leakage that has not caught fire, water spray can be used disperse flammable vapors and protect those trying to stem the leak.
- UNSUITABLE EXTINGUISHING EQUIPMENT
Do not use jets of water.
Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.
- Special hazards arising from the substance or mixture :** HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE
If large quantities of the product are involved in a fire, they can make it considerably worse. Do not breathe combustion products.
- Advice for firefighters :** GENERAL INFORMATION
In the case of fire, use jets of water to cool the containers to prevent the risk of explosions (product decomposition and excess pressure) and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Remove all containers containing the product from the fire, if it is safe to do so.
- SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS
Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures:** If there are no contraindications, spray powder with water to prevent the formation of dust. Avoid breathing vapors/mists/gases.
Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures
- Environmental precautions:** The product must not penetrate into the sewer system or come into contact with surface water or ground water
- Methods and material for containment and cleaning up:** Use spark-proof mechanical equipment to collect the leaked product and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product residues.
Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.
- Reference to other sections:** Any information on personal protection and disposal is given in sections 8 and 13

7. HANDLING AND STORAGE

Precautions for safe handling:	Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapors or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.
Conditions for safe storage, including any incompatibilities:	Store only in the original container. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. Keep containers away from any incompatible materials, see section 10 for details.
Specific end use(s):	Information not available

Store in cool (below 30 °C) and dry areas. Avoid contamination and avoid the presence of reducing agents like lotions and permanent waves. Discard any unused mixture with developer or bleaching lotions, since the container may break. AVOID humid organic material as paper towel, wood, clothes, etc. which could induce spontaneous combustion. Protect from heat and sunlight; store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

Component	CAS-No.	Value	Control parameters	Basis
Ammonium peroxydisulphate	7727-54-0	TWA	0.1 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Skin irritation varies		

Exposure controls:

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.
 When choosing personal protective equipment, ask your chemical substance supplier for advice.
 Personal protective equipment must be CE marked, showing that it complies with applicable standards.
 Provide an emergency shower with face and eye wash station.
 In the presence of risks of exposure to splashes or squirts during work, adequate mouth, nose and eye protection should be used to prevent accidental absorption.

Hand protection:

In the case of prolonged contact with the product, protect the hands with penetration-resistant work gloves. Work glove material must be chosen according to the use process and the products that may form. Latex gloves may cause sensitivity reactions.

Skin protection:

Wear category II professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Eye protection:

Wear a hood visor or protective visor combined with airtight goggles (see standard EN 166).

Respiratory protection:

Use a type P filtering facemask (see standard EN 149) or equivalent device, whose class (1, 2 or 3) and effective need, must be defined according to the outcome of risk assessment.

Environmental exposure controls:

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder
Color	White: All-Nutrient® Powder Lightener Blue: All-Nutrient® Blue Powder Lightener
Odor:	characteristic
Odor Threshold:	Not available.
pH:	9.5 – 10.5
Melting point/Freezing point:	Not available.
Initial Boiling Point-Boiling Range:	Not available.
Flash Point:	Not available.
Evaporation Rate:	Not available.
Flammability (solid, gas):	Not available.
Upper/lower Flammability/explosive limits:	Not available.

Vapor Pressure:	Not available.
Relative Density:	Not available.
Solubility:	Not available.
Partition coefficient: n-octanol/water:	Not available.
Auto-ignition Temperature:	Not available.
Decomposition Temperature:	Not available.
Viscosity:	Not available.
Explosive properties:	Not available.
Oxidising properties:	Not available.

10. STABILITY AND REACTIVITY

Reactivity:	Information not available.
Chemical Stability:	Information not available.
Possibility of Hazardous Reactions:	This product may react violently with water.
Conditions to Avoid (e.g., static discharge, shock or vibration):	Avoid overheating. Prevent moisture or water from penetrating inside the containers.
Incompatible Materials:	Information not available.
Hazardous Decomposition Products:	Information not available.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

Acute effects: ingestion of this product is harmful. Even small amounts of product may cause serious health problems (stomach pain, nausea, sickness, diarrhea).

This product may cause serious ocular lesions, cornea opacity, iris lesions, irreversible eye coloration.

Acute effects: contact with skin may cause: irritation, erythema, edema, dryness and chapped skin.

Ingestion may cause health disorders, including stomach pain and sting, nausea and sickness.

Acute effects: inhalation of this product may irritate the lower and upper respiratory tract and cause cough and respiratory disorders; at higher concentrations it can also cause pulmonary edema. Ingestion may cause health problems, including stomach pain and sting, nausea and sickness. Inhalation of this product causes sensitization, which may then give rise to a series of inflammatory episodes, most of all characterized by obstruction and affecting the respiratory system. Sometimes, sensitization phenomena arise together with evident rhinitis and asthma. Damages to the respiratory system depend on the inhaled quantity, on the product concentration in the working environment and on the exposure time.

Upon contact with skin, this product causes sensitization (dermatitis). Dermatitis derives from skin irritation on the areas which repeatedly come into contact with the sensitizing agent. Cutaneous lesions may include: erythemas, edemas, papules, vesicles, pustules, scurves, ulcerations and exudative phenomena, whose intensity varies according to illness seriousness and affected areas. Erythemas, edemas and exudative phenomena prevail during the acute phase. Scurfy skin, dryness, ulcerations and skin thickening prevail during the chronic phase.

12. ECOLOGICAL INFORMATION

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

Toxicity:	DIPOTASSIUM PEROXODISULPHATE LC50 - for Fish. > 76,3 mg/l/96h (trout iridea) EC50 - for Crustacea. > 120 mg/l/48h (daphnia) EC50 - for Algae / Aquatic Plants. > 83,7 mg/l/72h (pseudokirchneriella subcapitata)
	AMMONIUM PEROXYDISULPHATE LC50 - for Fish. 76,3 mg/l/96h (trout iridea) EC50 - for Crustacea. 120 mg/l/48h (Daphnia magna)

SODIUM SILICATE
 LC50 - for Fish.
 1108 mg/l/96h (Brachydanio rerio)
 EC50 - for Crustacea.
 1700 mg/l/48h (Daphnia magna)

Persistence and degradability:

AMMONIUM PEROXYDISULPHATE
 Solubility in water.
 > 10000 mg/l
 Biodegradability: Information not available.

Bioaccumulative potential:

Information not available

Mobility in soil:

Information not available

Results of PBT and vPvB assessment:

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

Other adverse effects

Information not available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorized waste management firm, in compliance with national and local regulations.

Contaminated packaging:


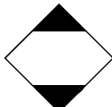

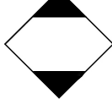
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

Waste residues information:

Not available.

Refer to section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees

14. TRANSPORT INFORMATION

Transport	UN Number		Class	Packaging Group	Label	Additional Information
Road/Railway (ADR/RID)	UN1479		5.1	III	 	
Marine Transport (IMO/IMDG)	UN1479		5.1	III	 	

15. REGULATORY INFORMATION

US Federal:

The product described in this Safety Data Sheet is regulated under the Federal Food Drug and Cosmetics Act and is safe to use as per directions on the container, box or accompanying literature (where applicable)

United States

HCS Classification:	Toxic material Irritating material Target organ effects
U.S. Federal regulations:	TSCA: Exempt, not determined
SARA 313:	Ammonium peroxydisulphate
Clean Water Act (CWA) 311:	This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)
Clean Air Act (CAA) 112 regulated toxic substances:	Not listed
Clean Air Act Section 112(b) Hazardous Air Pollutants:	This product does not contain any substances regulated as air pollutants (HAPS) under section 112 of the Clean Air Act Amendments of 1990.
Clean Air Act Section 602 Class I Substances:	Not listed
Clean Air Act Section 602 Class II Substances:	Not listed
DEA List I Chemicals (Precursor Chemicals):	Not listed
DEA List I Chemicals (Precursor Chemicals):	Not listed
California Prop. 65:	This product is not subject to warning labeling under California Proposition 65.

U.S. State Regulations (RTK)**New Jersey:**

Chemical Name	CAS Number
Ammonium Peroxydisulphate	7727-54-0
Dipotassium Peroxodisulphate	7727-21-1

Pennsylvania:

Chemical Name	CAS Number
Dipotassium Peroxodisulphate	7727-21-1

16. OTHER INFORMATION

Revision Date:	August 6, 2015
Prepared for:	Chuckles, Inc.

The information contained herein is, to the best of our knowledge and belief, accurate and reliable as of the date issued. We do not however, warrant or guarantee the accuracy or reliability, nor shall we be liable for any loss or damage arising out of the use thereof. The information is offered for the user's consideration and examination, and it is the user's responsibility to satisfy himself that it is suitable and complete for his/her particular use.