

## Safety data sheet

according to 1907/2006/EC

Revision: 17 February 2020

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** CHI Bleach & Shine Hemp & Aloe Infused Lightener
- **Product code:** 80-CHIBSL
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture:**  
Hair care product.  
Bleaching agent
- **Uses advised against:** No further relevant information available.
- **1.3 Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
Farouk Systems, Inc.  
250 Pennbright Drive  
Houston, TX 77090  
(281) 876-2000  
(800) 237-9175  
ehscomplaine@farouk.com
- **1.4 Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924 (North America)  
+1 (813)248-0585 (International)

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
- Ox. Liq. 3      H272    May intensify fire; oxidiser.
- Eye Dam. 1    H318    Causes serious eye damage.
- Resp. Sens. 1 H334    May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- Skin Sens. 1   H317    May cause an allergic skin reaction.
- STOT SE 3    H335    May cause respiratory irritation.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS03 GHS05 GHS07 GHS08

- **Signal word** Danger
- **Hazard-determining components of labelling:**  
Potassium persulfate  
Disodium metasilicate  
diammonium peroxodisulphate  
Silicic acid, sodium salt

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**Trade name: CHI Bleach & Shine Hemp & Aloe Infused Lightener**

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· **Hazard statements**

- H272 May intensify fire; oxidiser.
- H318 Causes serious eye damage.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H317 May cause an allergic skin reaction.
- H335 May cause respiratory irritation.

· **Precautionary statements**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P220 Keep away from clothing and other combustible materials.
- P261 Avoid breathing dust.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves / eye protection.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER/doctor.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
- P370+P378 In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **2.3 Other hazards** May form combustible dust concentrations in air.

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Components:**

CAS: 7727-21-1 EINECS: 231-781-8 Index number: 016-061-00-1	Potassium persulfate ----- ⚠ Ox. Sol. 3, H272 ⚠ Resp. Sens. 1, H334 ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	20-<25%
CAS: 1344-09-8 EINECS: 215-687-4 Reg.nr.: 01-2119448725-31-XXXX	Silicic acid, sodium salt ----- ⚠ Met. Corr. 1, H290; Skin Corr. 1B, H314; Eye Dam. 1, H318 ⚠ STOT SE 3, H335	10-<20%
CAS: 7727-54-0 EINECS: 231-786-5 Index number: 016-060-00-6	diammonium peroxodisulphate ----- ⚠ Ox. Sol. 3, H272 ⚠ Resp. Sens. 1, H334 ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	5-10%

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CAS: 6834-92-0 EINECS: 229-912-9 Index number: 014-010-00-8 Reg.nr.: 01-2119449811-37-XXXX	Disodium metasilicate --- ☠ Met. Corr. 1, H290; Skin Corr. 1B, H314; Eye Dam. 1, H318 ☠ STOT SE 3, H335	3-<5%
CAS: 8012-95-1 EINECS: 232-384-2 Reg.nr.: 01-2119913301-55-XXXX	Paraffin oils --- ☠ Asp. Tox. 1, H304 Aquatic Chronic 4, H413	<3%

· **Additional information:** For the wording of the listed Hazard Statements refer to section 16.

### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

· **General information:** Take affected persons out into the fresh air.

#### · **After inhalation:**

Supply fresh air.

Provide oxygen treatment if affected person has difficulty breathing.

If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

In case of unconsciousness place patient stably in side position for transportation.

#### · **After skin contact:**

Brush off loose particles from skin.

Immediately rinse with water.

If skin irritation continues, consult a doctor.

Seek immediate medical help for blistering or open wounds.

#### · **After eye contact:**

Protect unharmed eye.

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. Then consult a doctor.

#### · **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

#### · **4.2 Most important symptoms and effects, both acute and delayed**

Asthma attacks

Breathing difficulty

Coughing

Allergic reactions

Strong caustic effect on skin and mucous membranes.

May cause respiratory irritation.

Nausea in case of ingestion.

#### · **Hazards:**

Danger of gastric perforation.

Danger of impaired breathing.

Causes serious eye damage.

May cause an allergic skin reaction.

#### · **4.3 Indication of any immediate medical attention and special treatment needed**

Severe allergic skin reaction, bronchial spasms and anaphylactic shock are possible.

Medical supervision for at least 48 hours.

If necessary oxygen respiration treatment.

Later observation for pneumonia and pulmonary oedema.

Contains Potassium persulfate, diammonium peroxodisulphate. May produce an allergic reaction.

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If medical advice is needed, have product container or label at hand.  
In cases of irritation to the lungs, initial treatment with corticosteroid inhalants.

**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
  - Foam
  - Carbon dioxide
  - Fire-extinguishing powder
  - Gaseous extinguishing agents
  - Water haze or fog
- **For safety reasons unsuitable extinguishing agents:** No further relevant information available.
- **5.2 Special hazards arising from the substance or mixture**
  - May form combustible dust concentrations in air.
  - May intensify fire; oxidiser.
  - Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:**
  - Wear self-contained respiratory protective device.
  - Wear fully protective suit.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**
  - Isolate area and prevent access.
  - Wear protective equipment. Keep unprotected persons away.
  - Ensure adequate ventilation
  - Use respiratory protective device against the effects of fumes/dust/aerosol.
  - Take any precaution to avoid mixing with combustibles.
- **6.2 Environmental precautions**
  - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **6.3 Methods and material for containment and cleaning up**
  - Send for recovery or disposal in suitable receptacles.
- **6.4 Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**
  - Prevent formation of aerosols.
  - Avoid splashes or spray in enclosed areas.
  - Use only in well ventilated areas.
- **Information about fire - and explosion protection:**

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Keep respiratory protective device available.  
 Keep away from clothing and other combustible materials.  
 Keep away from flammable organic substances.

- **7.2 Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** Store in a well-ventilated place. Keep cool.
- **Information about storage in one common storage facility:**  
 Do not store together with oxidising and acidic materials.  
 Store away from foodstuffs.
- **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

**7727-21-1 Potassium persulfate**

OEL (Ireland)	Long-term value: 0,1 mg/m <sup>3</sup>
	Sens

**7727-54-0 diammonium peroxodisulphate**

OEL (Ireland)	Long-term value: 0,1 mg/m <sup>3</sup>
	Sens

· **8.2 Exposure controls**

- **General protective and hygienic measures:**  
 The usual precautionary measures are to be adhered to when handling chemicals.  
 Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing.  
 Wash hands before breaks and at the end of work.  
 Do not inhale gases / fumes / aerosols.  
 Avoid contact with the eyes and skin.
- **Respiratory protection:** Suitable respiratory protective device recommended.
- **Protection of hands:**



Protective gloves

- **Material of gloves**

Nitrile rubber, NBR  
 Butyl rubber, BR  
 Neoprene gloves  
 Natural rubber, NR  
 Sensibilisation by the components in the glove materials is possible.

- **Eye protection:**



Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.

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- **Body protection:** Protective work clothing
- **Limitation and supervision of exposure into the environment:**  
No further relevant information available.
- **Risk management measures:** No further relevant information available.

### SECTION 9: Physical and chemical properties

#### · 9.1 Information on basic physical and chemical properties

##### · Appearance

Form:	Powder
Colour:	Light purple.
· Odour:	Product specific
· Odour threshold:	Not determined.

· pH-value:	10,5-11,5
· Melting point/freezing point:	Not determined.
· Initial boiling point and boiling range:	Not determined.

· Flash point:	The product is not flammable.
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· Flammability (solid, gas):	Not applicable.
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· Auto/Self-ignition temperature:	Not determined.
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· Decomposition temperature:	Not determined.
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· Explosive properties:	May form combustible dust concentrations in air.
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##### · Explosion limits

Lower:	Not determined.
Upper:	Not determined.

· Oxidising properties	Contains oxidizing agent.
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· Vapour pressure:	Not determined.
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##### · Density:

Relative density:	Not determined.
Vapour density:	Not determined.
Evaporation rate:	Not determined.

· Solubility in / Miscibility with water:	Partly soluble.
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· Partition coefficient: n-octanol/water:	Not determined.
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##### · Viscosity

Dynamic:	Not determined.
Kinematic:	Not determined.

· 9.2 Other information	No further relevant information available.
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### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.

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- **10.2 Chemical stability** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions**  
May form combustible dust concentrations in air.  
Acts as an oxidising agent on organic materials such as wood, paper and fats.
- **10.4 Conditions to avoid** Excessive heat.
- **10.5 Incompatible materials**  
Oxidisers  
Acids.
- **10.6 Hazardous decomposition products**  
Under fire conditions only:  
Carbon monoxide and carbon dioxide

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

**7727-21-1 Potassium persulfate**

Oral	LD50	802 mg/kg (rat)
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**1344-09-8 Silicic acid, sodium salt**

Oral	LD50	3400 mg/kg (rat)
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**7727-54-0 diammonium peroxodisulphate**

Oral	LD50	820 mg/kg (rat)
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- **Primary irritant effect**
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:**  
Causes serious eye damage.
- **Respiratory or skin sensitisation:**  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause an allergic skin reaction.

· **IARC (International Agency for Research on Cancer):**

13463-67-7	Titanium dioxide	2B
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- **Probable routes of exposure:**  
Ingestion.  
Inhalation.  
Eye contact.  
Skin contact.
- **Repeated dose toxicity:** No further relevant information available.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:**  
May cause respiratory irritation.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

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- **Aspiration hazard:** Based on available data, the classification criteria are not met.


### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>· <b>14.1 UN-Number</b></li> <li>· <b>DOT, ADR/RID/ADN, IMDG, IATA</b></li> </ul>  | <p style="text-align: center;">UN1479</p>  |
| <ul style="list-style-type: none"> <li>· <b>14.2 UN proper shipping name</b></li> <li>· <b>DOT, IATA</b></li> <li>· <b>ADR/RID/ADN, IMDG</b></li> </ul>   | <p>Oxidizing solid, n.o.s. (Potassium persulfate, Ammonium persulfate)<br/>OXIDIZING SOLID, N.O.S. (POTASSIUM PERSULPHATE, AMMONIUM PERSULPHATE)</p> |
| <ul style="list-style-type: none"> <li>· <b>14.3 Transport hazard class(es)</b></li> <li>· <b>DOT</b></li> </ul>  |  |
| <div style="text-align: center;">  </div> <ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul> | <p style="text-align: center;">5.1</p> <p style="text-align: center;">5.1</p>  |

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· **ADR/RID/ADN**



· **Class** 5.1 (O2)  
 · **Label** 5.1

· **IMDG, IATA**



· **Class** 5.1  
 · **Label** 5.1

· **14.4 Packing group**  
 · **DOT, ADR/RID/ADN, IMDG, IATA** III

· **14.5 Environmental hazards:**  
 · **Marine pollutant:** No

· **14.6 Special precautions for user** Warning: Oxidising substances.  
 · **Hazard identification number (Kemler code):** 50  
 · **EMS Number:** F-A,S-Q

· **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.

· **Transport/Additional information:**

· **DOT**



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 kg each.

· **ADR/RID/ADN**



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 kg each.

· **IMDG**



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 kg each.

· **IATA**



Limited Quantity for packages less than 30 kg gross and inner packagings less than 1 kg each / 10 kg net.

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### SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **IARC (International Agency for Research on Cancer)**

13463-67-7	Titanium dioxide	2B
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· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients are listed.

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients are listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H272 May intensify fire; oxidiser.

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H413 May cause long lasting harmful effects to aquatic life.

· **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bio-accumulable, Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Ox. Liq. 3: Oxidizing liquids – Category 3

Ox. Sol. 3: Oxidizing solids – Category 3

Met. Corr. 1: Corrosive to metals – Category 1

Acute Tox. 4: Acute toxicity - oral – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

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Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Resp. Sens. 1: Respiratory sensitisation – Category 1  
Skin Sens. 1: Skin sensitisation – Category 1  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
Asp. Tox. 1: Aspiration hazard – Category 1  
Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

**Sources**

Website, European Chemicals Agency ([echa.europa.eu](http://echa.europa.eu))  
Website, US EPA Substance Registry Services ([ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do](http://ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do))  
Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org))  
Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6  
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.  
Safety Data Sheets, Individual Manufacturers

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