



SAFETY DATA SHEET

Developlus, Inc.
1575 Magnolia Ave.
Corona, Ca.92879

Information Telephone Number: (951) 738-8595

This sheet has been prepared in accordance with the requirement of the OSHA Hazard Communication Standard, 29 CFR 1910.1200

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

1.1 Product identifier: Splat Lightening Bleach

1.2 Relevant identified uses of the substance

Type of product and use: Hair Cosmetics

1.2.1 Developlus, Inc.
1575 Magnolia Ave.
Corona, Ca. 92879
Tel: (951) 738-8595
Fax: (951) 738-8593

CHEMTREC EMERGENCY PHONE NUMBER (800) 424 - 9300

2. HAZARD IDENTIFICATIONS

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

2.1 Classification of the substance:

GHS-US Classification:

Ox. Liquid. 2	H272	May intensify fire; oxidizer.
Acute Tox. Oral 4	H302	Harmful if swallowed.
Skin Corrosion/Irritation 2	H315	Causes skin irritation
Sensitization, Skin 1	H317	May cause an allergic skin reaction
Eye Irrit. 2A	H319	Causes serious eye irritation
Sensitization, Resp. 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
STOT SE 3	H335	May cause respiratory irritation

Hazard pictograms:



GHS03



GHS07



GHS08

Signal Word: Danger

Hazard statements:	H272	May intensify fire; oxidizer.
	H302	Harmful if swallowed
	H315	Causes skin irritation
	H317	May cause an allergic skin reaction
	H319	Causes serious eye irritation
	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
	H335	May cause respiratory irritation



SAFETY DATA SHEET

Precautionary statements - prevention

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 mixing with combustibles.
P260	Do not breathe dust/fumes/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash the hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P285	In case of inadequate ventilation wear respiratory protection.

Precautionary statements – reaction

P301+P312	If swallowed or if you feel unwell: Immediately call a POISON CENTER or doctor/physician.
P301+P330+P331	If swallowed: Rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P332+P313	If skin irritation occurs, get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
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.
P304+P341	IF INHALED: if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P342+P311	If experiencing respiratory symptoms, call a poison center or doctor/physician.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: use extinguishing means for extinction.
P403+P233:	Store in a well-ventilated place, keep container tightly closed.

Precautionary statements – storage and disposal

P405	Store locked up.
P501	Dispose the contents in accordance with local/regional/national/international regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Generic Composition

The liquid is composed of: wax, oils, mineral persulfates, silicates, meta-silicates, soaps and cellulose.

3.2 Composition of dangerous compounds

The compound is classified as dangerous.

3.2a Information on dangerous ingredients/substances contained in the compound

INCI	CAS #	Concentration %	Classification
Potassium Persulfate	7727-21-1	8 – 30%	 Ox. Sol. 3, H272  Sensitization, Resp. 1, H334  Acute Tox. 4, H302; Sensitization, Skin 1, H317; STOT SE 3, H335; Eye dam./irrit. 2A, H319
Ammonium Persulfate	7727-54-0	10 – 25 %	 Ox. Sol. 3, H272  Sensitization, Resp. 1, H334



SAFETY DATA SHEET

! Acute Tox. 4, H302; Sensitization, Skin 1, H317; STOT SE 3, H335; Eye dam./irrit. 2A, H319

4. FIRST AID MEASURES

- 4.1 Inhalation:** In the event of inhalation, remove immediately the person exposed to fresh air. In case of asthma, get medical attention.
- 4.2 Skin contact:** Rinse immediately with water and soap.
- 4.3 Eye contact:** Flush immediately with plenty of water. Remove contact lenses if used. If irritation persists, contact an ophthalmologist immediately.
- 4.4 Ingestion:** Rinse the mouth and drink plenty of water. Get medical attention if ill effects develop.

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media:

Water, water spray, foam. Use plenty of water or water spray until the fire is completely extinguished.

5.2 Extinguishing media which must not be used for safety reasons:

None. Some extinguishing media (chemical powders, sand, soil, etc.) may be less effective because the product contains combustive agents that may support combustion.

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products or resulting gases:

In the event of fire, the product may develop toxic ammonia, sulfur dioxide (SO₂) and sulfur trioxide (SO₃) gases.

5.4 Advice for fire-fighters

Wear autonomous breathing apparatuses and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions:** Wear protective clothing.
- 6.2 Environmental precautions:** Prevent penetration of the product into the soil.
- 6.3 Methods for cleaning up:** Use good cleaning practices in the workplace. Prevent any contact with the skin, eyes and clothes. In case of contact, rinse with water. Sweep up and collect with mechanical devices and dispose according to local and national regulations.

7. HANDLING AND STORAGE

7.1 Handling:

Provide proper extraction/ventilation on the workplace. Prevent electro-static charges buildup.

7.2 Storage:

Store in a cool (below 30°C) and dry place. Prevent any contamination and do not stock with any reducing agents such as styling lotions or permanents. Prevent any contact with humid organic materials such as paper towels, wood, clothes, etc. **Protect from heat and sunlight; store under protection of rain and humidity; do not store in the open air.**



SAFETY DATA SHEET

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters / Occupational exposure limits

Potassium Persulfate: N.A.

Ammonium Persulfate: N.A.

8.2 Personal protection measures Use impervious gloves to avoid possible skin irritation or sensitization.

8.2.1 Occupational exposure controls

- a) Respiratory protection: not necessary in normal conditions. Avoid inhalation.
- b) Hand protection: wear protective gloves
- c) Eye protection: wear protective goggles. Avoid any contact.
- d) Skin protection: use overalls or normal protective clothing

8.2.2 Environmental exposure controls

Not requested. See section 6.2

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General Information

Appearance	liquid
Odor	mild, characteristic

9.2 Important health, safety and environmental information

pH (40 g/l, 20°C) (sol. 1% in water):	9 – 11
Melting Point:	no data
Boiling Point:	no data
Flash Point:	no data
Flammability	no data
Explosive Properties:	no data
Density:	0.7 – 1.0 g/cm ³ (20°C)
Compression Density:	60 g/l
Solubility:	partially soluble in organic solvents
Solubility in water:	partially soluble
Partition coefficient (n-octanol/water):	no data
Viscosity:	no data
Vapor Density:	no data
Oxygen:	2.7 – 4.0%

9.3 Other information

Decomposition temperature: > 65°C

10. STABILITY AND REACTIVITY

The product does not decompose if it is used in compliance with regulations. **The product is stable in safety conditions, up to 65°C**; above this temperature it gradually decomposes and releases small quantities of oxygen and ammonia. At about 150°C, the product undergoes faster and self-accelerating decomposition and releases oxygen, which may cause serious accidents (fire).

Humidity is a very important factor, because uncontrolled and instable product humidity may considerably reduce decomposition temperature.

10.1 Conditions to avoid: heat, humidity, reducing agents such as permanent styling lotions. Avoid any impacts. Avoid any friction. Avoid any electrostatic charges.

10.2 Materials to avoid: acids, alkali, metals, combustive and flammable substances. Do not use metal bowls/capsules or stirrers.

10.3 Hazardous decomposition products: corrosive gases/vapors; toxic gases/vapors of sulfur oxides (SO_x), ammonia, nitrogen oxides (NO_x) and ozone.



SAFETY DATA SHEET

11. TOXICOLOGICAL INFORMATION

11.1 Dangerous-to-health effects from exposure to the preparation

The product contains ingredients that may be dangerous to health. These ingredients are irritating to the skin and mucous membranes of the eyes and respiratory system. They may trigger asthmatic attacks in sensitive individuals. They may cause skin sensitization and respiratory hypersensitivity.

Effects of chronic exposure: the effects of chronic exposition to this mix have not been tested according to "OSHA Hazard Communication Standard"

Target organs: skin, respiratory system

Route of exposure: inhalation, ingestion and skin.

General medical conditions, aggravated by exposure, will be related to the primary toxic (pharmacological) effect of the substance; pre-existing dermatitis are likely to get worse due to the presence of an irritating substance.

11.2 Toxicological information in components

The list below specifies the toxicity of the main ingredients:

Potassium Persulfate

Acute toxicity LD50 (oral rat) = 700 mg/kg
 LD50 (skin, rat) > 2000 mg/l LD50
 (inhalation, rat) > 2.95 mg/l

Ammonium Persulfate

Acute toxicity LD50 (oral rat) = 700 mg/kg
 LD50 (skin, rat) > 2000 mg/l LD50
 (inhalation, rat) > 2.95 mg/l

Further information:

If the product is used properly, no other hazards to the health are known or expected.

12. ECOLOGICAL INFORMATION

General information:

Always apply good work practices and avoid release to the environment.

12.1 Ecotoxicological information

Potassium Persulfate

Toxicity to water organisms: Bacteria EC10 (18h) = 36 mg/l
 Shellfish EC50 (48h) = 120 mg/l
 Fish LC50 (96h) = 76.3 mg/l

Ammonium Persulfate

Toxicity to water organisms: Bacteria EC10 (18h) = 36 mg/l
 Shellfish EC50 (48h) = 120 mg/l
 Fish LC50 (96h) = 76.3 mg/l

13. DISPOSAL CONSIDERATIONS

Waste Treatment methods:

Product

Do not dispose of the product with household garbage. Do not allow into drains. Dispose of wastes and containers in accordance with all applicable local and state regulations.

Dirty packages and containers

Send rinsed packages and containers for local recycling.

Other countries: dispose in compliance with state regulations.

Waste code:

D001 RCRA Waste Code



SAFETY DATA SHEET

14. TRANSPORT INFORMATION

Please be aware of carrier transport variations before shipping hazardous materials.

- UN Number
- DOT, ADR/RID/AND, IMDG, IATA UN3139

USDOT

- In Consumer Packaging: Consumer Commodity/Limited Quantity (≤ 5 L)
 - UN ID Number: UN3139
 - UN Proper Shipping Name: Oxidizing liquid, n.o.s.
 - Technical Name: (Ammonium Persulfate, Potassium Persulfate)
 - Hazard Class: 5.1
 - Packing Group: III
 - Label Statements: Exempt – Limited Quantity Marking Only
- Other Than Consumer Packaging:
 - UN ID Number: UN3139
 - UN Proper Shipping Name: Oxidizing liquid, n.o.s.
 - Technical Name: (Ammonium Persulfate, Potassium Persulfate)
 - Hazard Class: 5.1
 - Packing Group: III
 - Label Statements/pictogram: Oxidizing (Division 5.1)

ICAO/IATA

- In Consumer Packaging: Limited Quantity (≤ 1 L) (*Not eligible for ID 8000, Consumer Commodity*)
 - UN ID Number: UN3139
 - Proper Shipping Name: Oxidizing liquid, n.o.s.
 - Technical Name: (Ammonium Persulfate, Potassium Persulfate)
 - Hazard Class: 5.1
 - Packing Group: III
 - Label Statements: Limited Quantity Marking & Oxidizer (Division 5.1)
- Other Than Consumer Packaging:
 - UN ID Number: UN3139
 - Proper Shipping Name: Oxidizing liquid, n.o.s.
 - Technical Name: (Ammonium Persulfate, Potassium Persulfate)
 - Hazard Class: 5.1
 - Packing Group: III
 - Label Statements: Oxidizing (Division 5.1)

IMO/IMDG

- In Consumer Packaging: Limited Quantity/Consumer Commodity (≤ 5 L)
 - UN ID Number: UN3139
 - UN Proper Shipping Name: Oxidizing liquid, n.o.s.
 - Technical Name: (Ammonium Persulfate, Potassium Persulfate)
 - Hazard Class: 5.1
 - Packing Group: III



SAFETY DATA SHEET

EmS Number:

F-A, S-Q

Environmental Hazards:	Not Applicable
Marine Pollutant:	No
Hazard Identification No.	-

15. REGULATORY INFORMATION

Classification and labels according to CLP regulations (EC) no. 1272/2008:

GHS03 : may intensify fire

GHS07 : harmful/irritating product

GHS08 : toxic product with long lasting effects

Proposition 65:

None of the ingredients are listed.

16. OTHER INFORMATION

History:

Date of issue: mm/dd/yyyy: 12/20/2019

Revision date: : 4/13/2021

Prepared by : Developlus Regulatory Dept.

Disclaimer:

DeveloPlus, Inc. believes all the information and date given is accurate as of the date of preparation and is offered in good faith. This information is given without warranty or representation solely for your consideration, investigation, and verification. Since conditions of use are beyond our control, DeveloPlus, Inc. expressly disclaims all liability for the use or handling of this product. All risks of use are assumed by end use.



SAFETY DATA SHEET



SAFETY DATA SHEET



SAFETY DATA SHEET



SAFETY DATA SHEET



SAFETY DATA SHEET (SPLAT LIGHTENING BLEACH)