

# ***MATERIAL SAFETY DATA SHEET***

## **1. PRODUCT: P 80000 PB**

(Pale Blue bleaching powder)

Type of product and use: hair bleaching powder.

Distributed by: arteasecolors  
23207 Early Avenue  
Torrance, CA 90505  
888.993.9912  
310.539.9912

## **2. COMPOSITION / INFORMATION ON INGREDIENTS**

Dangerous substances for health and as per 67/548/CEE regulation and subsequent revisions or limited exposition substance:

- |                        |               |
|------------------------|---------------|
| - Potassium persulfate | CAS 7727-21-1 |
| - Ammonium persulfate  | CAS 7727-54-0 |
| - Sodium metasilicate  | CAS 6834-92-0 |
| - Sodium persulfate    | CAS 7775-27-1 |

## **3. HAZARD IDENTIFICATION**

Classification of hazardousness



**X<sub>n</sub>**  
**O**

HARMFUL  
OXIDIZING

Specific risks for man and environment

- |           |  |
|-----------|--|
| R7        | May cause fire   |
| R20/22    | Harmful by inhalation and if swallowed                 |
| R36/37/38 | Irritating to eyes, respiratory system and skin        |
| R42/43    | May cause sensitisation by inhalation and skin contact |

#### 4. FIRST AID MEASURES



Eye contact: flush with plenty of water immediately. Remove contact lenses if used. Immediately get medical attention.

Skin contact: rinse immediately with water. Wash the contaminated clothes before using them again. Should allergic reactions develop, consult a dermatologist.

Inhalation: Immediately remove to fresh air. If asthma develops, get medical attention.

Ingestion: rinse the mouth without swallowing. Immediately get medical attention.

#### 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: water, water spray, CO<sub>2</sub>, foam. Water or water spray has to be used until complete extinguishing.

In case of big fires, wear breathing apparatus and complete protective clothing.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal protection: wear protective clothing.

Environmental precautions: local exhausting is needed to avoid production of irritating dust concentrations. Avoid penetration of the product into the soil/earth. If the product reaches watercourses and/or the drainage system, advise the proper authorities.

Measures of cleaning up spillage: maintain good manufacturer hygiene. Avoid contact with skin, eyes and clothes. In case of contact, wash immediately with water. Clean any spillage and pick up mechanically; dispose of in accordance with local and national regulations.

#### 7. HANDLING AND STORAGE

7.1 Handling: avoid the formation of irritating dust. Provide accurate dust captation and adequate ventilation/aspiration in working areas. Avoid the formation of electro-static charges.

7.2 Storage: store in a 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 materials such 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 outdoor.**

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ammonium Persulfate TLV-TWA 1 mg/m<sup>3</sup>

Potassium Persulfate TLV-TWA 0,10 mg/m<sup>3</sup>

Sodium Persulfate TLV-TWA (UK) 1 mg/m<sup>3</sup>

Precautionary measures: exhaust ventilation is required where the products are stored and/or handled. Keep far from food, drink and animal feeding stuff.

Respiratory protection: not requested for normal use; you may wear a paper mask for powders. Avoid inhalation. When containers are open, protect the face. For prolonged exposures, wear a mask for harmful powders.

Skin/hands protection: wear protective gloves.

Eye protection: not requested. Avoid contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pale Blue powder
Odour	Characteristic
Bulk density	0.78 – 0.98 g/ml
Solubility in water	partially soluble
Melting point	not known
Boiling point	not known
Decomposition temperature	> 65°C
pH (aqueous dispersion 1g/100ml)	10,3 – 11,3
% Persulfates	50 – 60
% Active Oxygen	3,45-4,05

## 10. STABILITY AND REACTIVITY

The product does not undergo decomposition if handled in accordance with regulations. The product is stable in security conditions, up to 65°C; above this temperature it slowly starts to decompose, releasing small quantities of oxygen and ammonia. At approximately 180°C decomposition becomes fast and self-accelerating, and generates oxygen which can give rise to relevant fires.

**Humidity** is a very important factor, because the product moisture – when not kept under control and not stable – can considerably lower the decomposition temperature.

Conditions to avoid: **heat, moisture**, reducing agents such as waving lotions. Avoid impacts. Do not subject to friction. May build electrostatic charges.

Incompatibilities: acids, alkali, metals, burning and combustible materials. Do not use metallic bowls or stirrers.

Hazardous decomposition products: corrosive gases/vapours; toxic gases/vapours of sulphur oxides (SO<sub>x</sub>), ammonia, nitrogen oxides (NO<sub>x</sub>) and ozone.

## 11. TOXICOLOGICAL INFORMATION

This product contains ingredients that may present health hazards. These ingredients are irritating to skin and mucous membranes of the eyes and respiratory system. They may trigger asthmatic attacks in sensitive individuals. They may induce skin sensitization and respiratory hypersensitivity.

Effects of chronic exposure: for purpose of chronic exposure under the OSHA Hazard Communication Standard, this is an untested mixture.

Target organs: skin, respiratory system.

Route of entry: inhalation, ingestion and skin.

General medical conditions, aggravated by exposure, will be related to the primary toxic (pharmacological) effect of this material; pre-existing dermatitis would be likely to get worse by a skin irritant; bronchitis is aggravated by irritant gases of particulates in the air.

The list below reports the toxicities of the main ingredients:

Ammonium Persulfate LD50 (oral rat) = 820 mg/kg

Potassium Persulfate LD50 (oral rat) = 805 mg/kg

Sodium Persulfate LD50 (oral rat) = 895 mg/kg

Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting, diarrhoea.

Further information: if used properly, further health hazards are not known, nor predictable.

## 12. ECOLOGICAL INFORMATION

Always follow good hygienic work practices. Avoid product dispersion in the environment. German classification of risk for waters: WGK 1 – slightly dangerous.

### Persulfates Water Toxicities

EC50(72h)	83,7 (tossicità sui batteri)
EC50(48h)	120 mg/l ( <i>daphnia</i> )
LC50(96h)	76,3 mg/l (tossicità sui pesci)

## 13. DISPOSAL CONSIDERATIONS



Do not dispose of the product together with domestic waste.

Do not let it enter the drainage system. Disposal should be in accordance with all applicable local and state regulations.

## 14. TRANSPORT INFORMATION

UN No: 3215

### Road/railway transport (ADR/RID – GGVS/E)



- Class	5.1	Oxidizing flammable solid
- Packaging group	III	
- Proper shipping name		PERSULPHATES, INORGANIC, N.O.S. (Potassium persulfate, Ammonium persulfate)

### Marine transport (IMO/IMDG)



- Class	5.1	
- Packaging group	III	
- EmS numero	F-A, S-Q	
- Proper shipping name		PERSULPHATES, INORGANIC, N.O.S. (Potassium persulfate, Ammonium persulfate) No marine pollutant.

### Air transport (ICAO/IATA)



- Class	5.1	
- Packaging group	III	
- Proper shipping name		PERSULPHATES, INORGANIC, N.O.S. (Potassium persulfate, Ammonium persulfate)

## 15. REGULATORY INFORMATION

Classification according to CEE directions:



**X<sub>n</sub>**  
**O**

HARMFUL  
OXIDIZING

R phrases	R7	May cause fire
	R20/22	Harmful by inhalation and if swallowed
	R36/37/38	Irritating to eyes, respiratory system and skin
	R42/43	May cause sensitization by inhalation and skin contact
S phrases	S2	Keep out of reach of children
	S7/8	Keep container tightly close and dry
	S15	keep away from heat
	S24/25	Avoid contact with skin and eyes
	S46	If swallowed, seek medical advice immediately and show this container or label

### Indications For Work Restrictions:

Follow work restrictions for young personnel (DIR 94/33/EC)

Follow work restrictions for gestating or nursing women (DIR 92/33/CEE)

## 16. FURTHER INFORMATION

This information is based on our present state of knowledge and is intended solely to describe our productions in terms of safety requirements. It should not be construed in any way, as guaranteeing specific properties.

This safety data sheet cancels and replaces any previous edition.

Rev 01-12.10.2006

# ***MATERIAL SAFETY DATA SHEET***

## **1. PRODUCT: COLOUR BLEACH**

(Bleaching powder from light yellow to red)

Type of product and use: hair bleaching powder.

Distributed by: arteasecolors  
23207 Early Avenue  
Torrance CA 90505  
888.993.9912  
310.539.9912

## **2. COMPOSITION / INFORMATION ON INGREDIENTS**

Dangerous substances for health and as per 67/548/CEE regulation and subsequent revisions or limited exposition substance:

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|------------------------|---------------|
| - Potassium persulfate | CAS 7727-21-1 |
| - Ammonium persulfate  | CAS 7727-54-0 |
| - Sodium metasilicate  | CAS 6834-92-0 |
| - Sodium persulfate    | CAS 7775-27-1 |

## **3. HAZARD IDENTIFICATION**

Classification of hazardousness



**X<sub>n</sub>**  
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HARMFUL  
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Specific risks for man and environment

- |           |  |
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| R7        | May cause fire   |
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| R36/37/38 | Irritating to eyes, respiratory system and skin        |
| R42/43    | May cause sensitisation by inhalation and skin contact |

#### 4. FIRST AID MEASURES



Eye contact: flush with plenty of water immediately. Remove contact lenses if used.

Immediately get medical attention.

Skin contact: rinse immediately with water. Wash the contaminated clothes before using them again. Should allergic reactions develop, consult a dermatologist.

Inhalation: Immediately remove to fresh air. If asthma develops, get medical attention.

Ingestion: rinse the mouth without swallowing. Immediately get medical attention.

#### 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: water, water spray, CO<sub>2</sub>, foam. Water or water spray has to be used until complete extinguishing.

In case of big fires, wear breathing apparatus and complete protective clothing.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal protection: wear protective clothing.

Environmental precautions: local exhausting is needed to avoid production of irritating dust concentrations. Avoid penetration of the product into the soil/earth. If the product reaches watercourses and/or the drainage system, notify the proper authorities.

Measures of cleaning up spillage: maintain good manufacturer hygiene. Avoid contact with skin, eyes and clothes. In case of contact, wash immediately with water. Clean any spillage promptly and mechanically; dispose of in accordance with local and national regulations.

#### 7. HANDLING AND STORAGE

7.1 Handling: avoid the formation of irritating dust. Provide accurate dust captation and adequate ventilation/aspiration in working areas. Avoid the formation of electro-static charges.

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Potassium Persulfate TLV-TWA 0,10 mg/m<sup>3</sup>

Sodium Persulfate TLV-TWA (UK) 1 mg/m<sup>3</sup>

Precautionary measures: exhaust ventilation is required where the products are stored and/or handled. Keep far from food, drink and animal food.

Respiratory protection: not requested for normal use; you may wear a paper mask for powders. Avoid inhalation. When containers are open, protect the face. For prolonged exposures, wear a mask for harmful powders.

Skin/hands protection: wear protective gloves.

Eye protection: not requested. Avoid contact.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light yellow to red powder
Odour	Characteristic
Bulk density	0.78 – 0.88 g/ml
Solubility in water	partially soluble
Melting point	not known
Boiling point	not known
Decomposition temperature	> 65°C
pH (aqueous dispersion 1g/100ml)	9,1 – 10,1
% Active Oxygen	3,50-4,10

## 10. STABILITY AND REACTIVITY

The product does not undergo decomposition if handled in accordance with regulations. The product is stable in security conditions, up to 65°C; above this temperature it slowly starts to decompose, releasing small quantities of oxygen and ammonia. At approximately 180°C decomposition becomes fast and self-accelerating, and generates oxygen which can give rise to relevant fires.

**Humidity** is a very important factor, because the product moisture – when not kept under control and not stable – can considerably lower the decomposition temperature.

Conditions to avoid: **heat, moisture**, reducing agents such as waving lotions. Avoid impacts. Do not subject to friction. May build electrostatic charges.

Incompatibilities: acids, alkali, metals, burning and combustible materials. Do not use metallic bowls or stirrers.

Hazardous decomposition products: corrosive gases/vapours; toxic gases/vapours of sulphur oxides (SO<sub>x</sub>), ammonia, nitrogen oxides (NO<sub>x</sub>) and ozone.

## 11. TOXICOLOGICAL INFORMATION

This product contains ingredients that may present health hazards. These ingredients are irritating to skin and mucous membranes of the eyes and respiratory system. They may trigger asthmatic attacks in sensitive individuals. They may induce skin sensitization and respiratory hypersensitivity.

Effects of chronic exposure: for purpose of chronic exposure under the OSHA Hazard Communication Standard, this is an untested mixture.

Target organs: skin, respiratory system.

Route of entry: inhalation, ingestion and skin.

General medical conditions, aggravated by exposure, will be related to the primary toxic (pharmacological) effect of this material; pre-existing dermatitis would be likely to get worse by a skin irritant; bronchitis is aggravated by irritant gases of particulates in the air.

The list below reports the toxicities of the main ingredients:

Ammonium Persulfate LD50 (oral rat) = 820 mg/kg

Potassium Persulfate LD50 (oral rat) = 805 mg/kg

Sodium Persulfate LD50 (oral rat) = 895 mg/kg

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Further information: if used properly, further health hazards are not known, nor predictable.

## 12. ECOLOGICAL INFORMATION

Always follow good hygienic work practices. Avoid product dispersion in the environment. German classification of risk for waters: WGK 1 – slightly dangerous.

### Persulfates Water Toxicities

EC50(72h)	83,7 (tossicità sui batteri)
EC50(48h)	120 mg/l ( <i>daphnia</i> )
LC50(96h)	76,3 mg/l (tossicità sui pesci)

## 13. DISPOSAL CONSIDERATIONS



Do not dispose of the product together with domestic waste.

Do not let it enter the drainage system. Disposal should be in accordance with all applicable local and state regulations.

## 14. TRANSPORT INFORMATION

UN No: 1479

Road/railway transport (ADR/RID – GGVS/E)



- Class	5.1	Oxidizing solid
- Packaging group	III	
- Proper shipping name		Oxidizing solid, N.O.S. (Potassium persulfate, Ammonium persulfate)

Marine transport (IMO/IMDG)



- Class	5.1	
- Packaging group	III	
- EmS numero	F-A, S-Q	
- Proper shipping name		Oxidizing solid, N.O.S. (Potassium persulfate, Ammonium persulfate) No marine pollutant.

Air transport (ICAO/IATA)



- Class 5.1
- Packaging group III
- Proper shipping name Oxidising solid, N.O.S. (Potassium persulfate, Ammonium persulfate)

**15. REGULATORY INFORMATION**

Classification according to CEE directions:



**X<sub>n</sub>** HARMFUL  
**O** OXIDIZING

R phrases	R7	May cause fire
	R20/22	Harmful by inhalation and if swallowed
	R36/37/38	Irritating to eyes, respiratory system and skin
	R42/43	May cause sensitization by inhalation and skin contact
S phrases	S2	Keep out of reach of children
	S7/8	Keep container tightly close and dry
	S15	Keep away from heat
	S22	Do not inhale the powder
	S24/25	Avoid contact with skin and eyes
	S26	If in eyes, rinse immediately with plenty of water and seek medical advise
	S28	In case of skin contact, wash with plenty of water
S46	If swallowed, seek medical advice immediately and show this container or label	

Indications For Work Restrictions:

Follow work restrictions for young personnel (DIR 94/33/EC)

Follow work restrictions for gestating or nursing women (DIR 92/33/CEE)

## **16. FURTHER INFORMATION**

This information is based on our present state of knowledge and is intended solely to describe our productions in terms of safety requirements. It should not be construed in any way, as guaranteeing specific properties.

This safety data sheet cancels and replaces any previous edition.

March 07

**DECLARATION - STATEMENT**

We declare that the undermentioned raw materials are utilized in the approved quantities to produce the hair product named: **“arteasecolors”** and in compliance with European Directive 76/768/EEC and subsequent emendations (as cosmetics law no. 713/1986 an subsequent emendations.)

Consequently the above mentioned product has all the law prerequisites to be commercialised.

List of the used raw materials following the **INCI** names.

**Base formula for all tones**

CAS No.	Function	INCI name	Content % w/w
7732-18-5	solvent	aqua	to 100
36653-82-4	emulsifying agent	cetyl alcohol	5 -10
57-55-6	solvent	propylene glycol	5 -10
68439-49-6	surfactant	cetareth-23	1 - 5
57-11-4	surfactant	stearic acid	1- 5
68140-00-1	surfactant	cocamide MEA	1 - 5
7664-41-7	ph adjuster	ammonia	0 – 5
141-43-5	ph adjuster	ethanolamine	0 - 5
112-92-5	viscosity increasing agent	stearyl alcohol	1 - 5
112-72-1	viscosity increasing agent	myristyl alcohol	1 - 5
26062-79-3	conditioning agent	polyquaternium-6	1 - 5
9006-65-9	antifoaming agent	dimethicone	< 1
	conditioning agent	hydrolized wheat protein	< 1
	conditioning agent	panthenol	< 1
57-10-3	emulsifying agent	palmitic acid	< 1
50-81-7	ph adjuster	ascorbic acid	< 1
5131-66-8	preservative	propylene glycol butyl ether	< 1
107-98-2	preservative	methoxyisopropanol	< 1
122-99-6	preservative	phenoxyethanol	< 1
99-76-3	preservative	methylparaben	< 0,2
94-26-8	preservative	butylparaben	< 0,1
120-47-8	preservative	ethylparaben	< 0,1
94-13-3	preservative	propylparaben	< 0,1
60-00-4	chelating agent	EDTA	< 1
7775-14-6	reducing agent	sodium hydrosulfite	< 1

7757-83-7	reducing agent	sodium sulfite	< 1
N/A	perfuming agent	parfum	< 1
127-51-5	fragrance ingredient	alpha-isomethyl ionone	< 0,05
80-54-6	fragrance ingredient	butylphenyl methylpropional	< 0,05
106-22-9	fragrance ingredient	citronellol	< 0,05
97-53-0	fragrance ingredient	eugenol	< 0,05
106-24-1	fragrance ingredient	geraniol	< 0,1
78-70-6	fragrance ingredient	linalool	< 0,05

### ACTIVE INGREDIENTS

106-50-3	hair dye	p-phenylenediamine	< 1
95-88-5	hair dye	4-chlororesorcinol	< 1
591-27-5	hair dye	m-aminophenol	< 1
90-15-3	hair dye	1-naphthol	< 1
83763-48-8	hair dye	2-amino-4- hydroxyethylaminoanis ole sulfate	< 1
608-25-3	hair dye	2-methylresorcinol	< 1
55-55-0	hair dye	p-methylaminophenol sulfate	< 1
2835-99-6	hair dye	4-amino-m-cresol	< 1
4698-29-7	hair dye	N-phenyl-p- phenylenediamine sulfate	< 1
2835-95-2	hair dye	4-amino-2- hydroxytoluene	< 1
108-46-3	hair dye	Resorcinol	< 1
624-18-0	hair dye	p-phenylenediamine Hcl	< 1
123-30-8	hair dye	p-aminophenol	< 1
83-56-7	hair dye	1,5-naphthalenediol	< 1
615-50-9	hair dye	toluene-2,5-diamine sulfate	< 1
16867-03-1	hair dye	2-amino-3- hydroxypyridine	< 1
68391-30-0	hair dye	Basic red 76	< 1
2871-01-4	hair dye	Hc red no.3	< 1
59820-43-8	hair dye	Hc yellow no.4	< 1
33229-34-4	hair dye	Hc blue no.2	< 1

**MATERIAL SAFETY DATA SHEET**  
**ARTEASECOLORS PEROXIDE 30 VOL**

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY**

1.1. PRODUCT

Stabilized, oxidizing emulsion 30 volumes

1.2. USE

Used for hair dying and bleaching. Follow the mixing ratio suggested for hair dyes and hair bleaching products.

1.3. COMPANY NAME AND ADDRESS :

Arteasecolors  
23207 Early Avenue  
Torrance, CA 90505  
888.993.9912  
310.539.9912

1.4. EMERGENCY TELEPHONE NUMBER : 800.222.1222

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**2. HAZARDS IDENTIFICATION**

The product is classified as irritating pursuant to Legislative Decree n. 65 of 14/03/03.

HAZ SYMBOL

R36/38 skin and eye irritant

POTENTIAL HEALTH EFFECTS

The product contains ingredients that may cause irritation and skin sensitisation. Avoid contact with skin and eyes. The product must not be used on eyebrows and eyelashes.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	EINECS/ ELINCS	CAS NO.	Contents w/w	%	Classification	
					Haz symbol	Risk phrases
Hydrogen peroxide	231-765-0	7722-84-1	9		C	R34
Sodium Laureth Sulfate	221-416-0	9004-82-4	1-3		Xi irritating	R36, R38

Please refer to section 16 for a complete list of the R phrases in this section.

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**4. FIRST AID MEASURES**

**SKIN CONTACT:**

Immediately remove contaminated clothes and shoes. Rinse with plenty of cold water. Seek medical advice if necessary

**EYE CONTACT:**

Remove contact lenses if used. Keep eyes wide open and flush with plenty of water for at least 15-20 minutes. Seek medical advice.

**INGESTION** Do not induce vomit, immediately seek medical advice or contact a Poison Information Centre.

**INHALATION:** Ventilate the area. Immediately remove to fresh air, and make the person rest. Seek medical attention if necessary.

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**5. FIRE FIGHTING MEASURES**

Cool the containers to avoid decomposition of the product and the release of potentially dangerous substances to health and safety

Suitable fire fighting media:

water, CO<sub>2</sub>, dry chemical powders, foam, according to the materials involved in the accident.

Fire-fighting media that must not be used for safety reasons: none

Combustion / explosion hazards:

may release CO, CO<sub>2</sub>, NO<sub>x</sub>, and O<sub>2</sub>.

Protection devices:

Always wear the complete fire fighting equipment.

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## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:  
avoid contact with eyes and skin. Wear gloves and safety goggles.
- Environmental precautions:  
contain spillage with sand or earth. If product reaches a water course, drainage system or has contaminated soil or vegetation, notify the relevant authorities.
- Spill/leak clean-up procedures:  
clean up the spillage and rinse thoroughly with water. Pay attention, since the surface may be slippery. Never put the spilled material back in the original container. Do not use the leaked product.

## 7. HANDLING AND STORAGE

### 7.1 HANDLING:

Precautionary measures: avoid contact with eyes, skin or clothing. In case of accidental contact wash with plenty of water. Do not eat, drink or smoke while using the product. Promptly clean up all spillages. Always maintain good hygienic measures. Avoid any use or mixing not indicated in the instructions.

### 7.2 STORAGE

Precautionary measures:

Keep in a cool and dry place, away from direct sun light. Avoid harsh temperatures. Keep below 35°C, in a well ventilated area, far from combustibles, reducing agents, strong bases and organic materials.

### 7.3 USE

Follow instructions for use.

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## 8. PERSONAL PROTECTION/ CONTROL OF INDIVIDUAL EXPOSURE

### 8.1 – Limit exposure values

Exposure limit of the product: none

Exposure limit of the ingredients: hydrogen peroxide TLV-TW: 1.4 mg/m<sup>3</sup>

### 8.2 Exposure control

8.2.1. Professional exposure control: ventilate accurately the handling and storage area. If used according to the instructions, undesirable effects should not occur.

a) Respiratory equipment : not necessary

b) Hand protection: avoid prolonged or repeated contact. Use latex protective gloves.

c) Eye protection: avoid contact with eyes – may cause irritation. Use protective goggles.

d) Skin protection: avoid prolonged or repeated contact – may cause irritation.

### 8.2.2 Environmental control

Do not dispose of in the environment.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 General information

Aspect: Creamy emulsion

Odour: characteristic

### 9.2 Health, safety and environment information

pH: 2,00 – 4,50

Density: 0,90 - 1,10 kg/dm<sup>3</sup>

Boiling point not known

Flash point not known

Explosive properties not known

Oxidising properties not known

Vapour pressure not known

Relative Density 0.9 – 1.1

Solubility soluble in water

Viscosity 1000-6000 mPa.s

Evaporation time not known

### 9.3 Other information N/A



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## 10. STABILITY AND REACTIVITY

The product does not undergo decomposition if used under normal conditions. However, over 35°C, the hydrogen peroxide may undergo a slight decomposition that releases small quantities of oxygen, which may cause the bottle to swell.

### 10.1 Conditions to avoid

Product is stable under normal conditions of use. Avoid harsh temperatures.

### 10.2 Incompatible materials

Avoid contact with combustibles or organic materials. Avoid metallic, dirty or rusty mixing bowls and stirrers.

### 10.3 Dangerous substances upon decomposition

CO, CO<sub>2</sub>, NO<sub>x</sub>, and O<sub>2</sub>

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## 11. TOXICOLOGICAL INFORMATION

Inhalation: may cause nose and throat irritation.

Skin contact: avoid skin contact, corrosive.

Ingestion: dangerous if swallowed, the product may cause irritation to the mouth, throat, oesophagus, gastrointestinal section.

Eye contact: irritating

Skin contact: irritating

Sensitization : sensitization of susceptible individuals

Acute Toxicity : No available information

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## 12. ECOLOGICAL INFORMATION

Always follow good manufacturing practices. Avoid product dispersion in the environment.

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## 13. DISPOSAL CONSIDERATIONS

Collect if possible. Disposal should be in accordance with all applicable local and state regulations

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## 14. TRANSPORT INFORMATION

UN No: 2984

Road/Railway transport (ADR/RID)



- Class	5.1	Inflammable substances (oxidizing)
- Packaging group	III	
- Proper shipping name		HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8% but less than 20 % hydrogen peroxide

Marine transport (IMO/IMDG)



- Class IMDG	5.1	Inflammable substances (oxidizing)
- Packaging group	III	
- EmS number	F-A, S-Q	
- Proper shipping name		HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8% but less than and 20 % hydrogen peroxide

Air transport (ICAO/IATA-DGR)



- ICAO/IATA Class	5.1	Inflammable substances (oxidizing)
- Packaging group	III	
- Proper shipping name		HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8% but less than and 20 % hydrogen peroxide

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## 15. REGULATORY INFORMATION

Classified according to Legislative Decree 65 of 14/3/2003 ( UE Directive 1999/45/CE and 2001/60/CE for classification, packaging and labelling of dangerous preparations):



Symbols: Xi - irritant

R phrases: R36/38 – irritating to eye and skin

S phrases:

S2 – keep out of reach of children

S24/S25 – avoid contact with eyes and with skin

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S37 – Wear suitable gloves

S46 – If swallowed, seek medical advice immediately and show this container or label

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## 16. FURTHER INFORMATION

This MSDS has been prepared according to Directive 2001/58/CE and with regulation CE N. 1907/2006

Full list of R phrases

R34 – causes burns

R36 – irritating to eye

R38 – irritating to skin

Source

- Material Safety Data Sheets for the ingredients
- International Cosmetic Ingredient Dictionary and Handbook (11<sup>th</sup> edition)

This MSDS does not replace the instructions for use. The information herein contained is consistent with the supplier's latest knowledge and experience to the given date and refer only to the indicated product. If the product is redistributed or reformulated for sale, details of its hazards and recommended methods of safe handling should be passed to all the users of the product. The user's attention is also drawn to the risks, which may arise when the product is used for purposes other than those for which is intended.

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**MATERIAL SAFETY DATA SHEET  
ARTEASE PEROXIDE 40 VOL**

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY**

1.1. PRODUCT

Stabilized, oxidizing emulsion 40 volumes

1.2. USE

Used for hair dyeing and bleaching. Follow the mixing ratio suggested for hair dyes and hair bleaching products.

1.3. COMPANY NAME AND ADDRESS

Arteasecolors  
23207 Early Avenue  
Torrance, CA 90505  
888.993.9912  
310.539.9912

1.4. EMERGENCY TELEPHONE NUMBER : 800.222.1222

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**2. HAZARDS IDENTIFICATION**

The product is classified as corrosive pursuant to Legislative Decree n. 65 of 14/03/03

HAZ SYMBOL R34: causes burns

POTENTIAL HEALTH EFFECTS

The product contains ingredients that may cause irritation and skin sensitisation. Avoid contact with skin and eyes. The product must not be used on eyebrows and eyelashes.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	EINECS/ ELINCS	CAS NO.	Contents w/w	Classification	
				Haz symbol	Risk phrases
Hydrogen peroxide	231-765-0	7722-84-1	12	C	R34
Sodium Laureth Sulfate	221-416-0	9004-82-4	1-3	Xi irritating	R36, R38

Please refer to section 16 for a complete list of the R phrases in this section.

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**4. FIRST AID MEASURES**

SKIN CONTACT:

Immediately remove contaminated clothes and shoes. Rinse with plenty of cold water. Seek medical advice if necessary

EYE CONTACT:

Remove contact lenses if used. Keep eyes wide open and flush with plenty of water for at least 15-20 minutes. Seek medical advice.

INGESTION Do not induce vomit, immediately seek medical advice or contact a Poison Information Centre.

INHALATION: Ventilate the area. Immediately remove to fresh air, and make the person rest. Seek medical attention if necessary.

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**5. FIRE FIGHTING MEASURES**

Cool the containers to avoid decomposition of the product and the release of potentially dangerous substances to health and safety

Suitable fire fighting media:

water, CO<sub>2</sub>, dry chemical powders, foam, according to the materials involved in the accident.

Fire-fighting media that must not be used for safety reasons: none

Combustion / explosion hazards:

may release CO, CO<sub>2</sub>, NO<sub>x</sub>, and O<sub>2</sub>.

Protection devices:

Always wear the complete fire fighting equipment.

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## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:  
avoid contact with eyes and skin. Wear gloves and safety goggles.
- Environmental precautions:  
contain spillage with sand or earth. If product reaches a water course, drainage system or has contaminated soil or vegetation, notify the relevant authorities.
- Spill/leak clean-up procedures:  
clean up the spillage and rinse thoroughly with water. Pay attention, since the surface may be slippery. Never put the spilled material back in the original container. Do not use the leaked product.

## 7. HANDLING AND STORAGE

### 7.1 HANDLING:

Precautionary measures: avoid contact with eyes, skin or clothing. In case of accidental contact wash with plenty of water. Do not eat, drink or smoke while using the product. Promptly clean up all spillages. Always maintain good hygienic measures. Avoid any use or mixing not indicated in the instructions.

### 7.2 STORAGE

Precautionary measures:

Keep in a cool and dry place, away from direct sun light. Avoid harsh temperatures. Keep below 35°C, in a well ventilated area, far from combustibles, reducing agents, strong bases and organic materials.

### 7.3 USE

Follow instructions for use.

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## 8. PERSONAL PROTECTION/ CONTROL OF INDIVIDUAL EXPOSURE

### 8.1 – Limit exposure values

Exposure limit of the product: none

Exposure limit of the ingredients: hydrogen peroxide TLV-TW: 1.4 mg/m<sup>3</sup>

### 8.2 Exposure control

8.2.1. Professional exposure control: ventilate accurately the handling and storage area. If used according to the instructions, undesirable effects should not occur.

a) Respiratory equipment : not necessary

b) Hand protection: avoid prolonged or repeated contact. Use latex protective gloves.

c) Eye protection: avoid contact with eyes – may cause irritation. Use protective goggles.

d) Skin protection: avoid prolonged or repeated contact – may cause irritation.

### 8.2.2 Environmental control

Do not dispose of in the environment.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 General information

Aspect: Creamy emulsion

Odour: characteristic

### 9.2 Health, safety and environment information

pH: 2,00 – 4,50

Density: 0,90 - 1,10 kg/dm<sup>3</sup>

Boiling point not known

Flash point not known

Explosive properties not known

Oxidising properties not known

Vapour pressure not known

Relative Density 0.9 – 1.1

Solubility soluble in water

Viscosity 1000-6000 mPa.s

Evaporation time not known

### 9.3 Other information N/A

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## 10. STABILITY AND REACTIVITY

The product does not undergo decomposition if used under normal conditions. However, over 35°C, the hydrogen peroxide may undergo a slight decomposition that releases small quantities of oxygen, which may cause the bottle to swell.

### 10.1 Conditions to avoid

Product is stable under normal conditions of use. Avoid harsh temperatures.

### 10.2 Incompatible materials

Avoid contact with combustibles or organic materials. Avoid metallic, dirty or rusty mixing bowls and stirrers.

### 10.3 Dangerous substances upon decomposition

CO, CO<sub>2</sub>, NO<sub>x</sub>, and O<sub>2</sub>

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## 11. TOXICOLOGICAL INFORMATION

Inhalation: may cause nose and throat irritation.

Skin contact: avoid skin contact, corrosive.

Ingestion: dangerous if swallowed, the product is very irritating for mouth, throat, oesophagus, gastrointestinal section.

Sensitization: sensitization of susceptible individuals

Eye contact: strong irritant

Skin contact: strong irritant

Acute Toxicity : No available information

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## 12. ECOLOGICAL INFORMATION

Always follow good manufacturing practices. Avoid product dispersion in the environment.

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## 13. DISPOSAL CONSIDERATIONS

Collect if possible. Disposal should be in accordance with all applicable local and state regulations

## 14. TRANSPORT INFORMATION

UN No: 2984

Road/Railway transport (ADR/RID)



- Class
- Packaging group
- Proper shipping name

5.1  
III

Inflammable substances (oxidizing)

HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8% but less than 20 % hydrogen peroxide

Marine transport (IMO/IMDG)



- Class IMDG
- Packaging group
- EmS number
- Proper shipping name

5.1  
III  
F-A, S-Q

Inflammable substances (oxidizing)

HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8% but less than and 20 % hydrogen peroxide

Air transport (ICAO/IATA-DGR)



- ICAO/IATA Class
- Packaging group
- Proper shipping name

5.1  
III

Inflammable substances (oxidizing)

HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8% but less than and 20 % hydrogen peroxide

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## 15. REGULATORY INFORMATION

Classified according to Legislative Decree 65 of 14/3/2003 (UE Directive 1999/45/CE and 2001/60/CE for classification, packaging and labelling of dangerous preparations):



Symbols: C - corrosive

R phrases: R34 – causes burns

S phrases:

S2 – keep out of reach of children

S24/S25 – avoid contact with eyes and with skin

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S28 – After contact with skin, wash immediately with plenty of water

S36 – Wear suitable protective clothing

S37 – Wear suitable gloves

S39 – Wear eye/face protection

S46 – If swallowed, seek medical advice immediately and show this container or label

---

## 16. FURTHER INFORMATION

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Full list of R phrases

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