



SAFETY DATA SHEET

Issued by Artav Australia

575 South Road, Regency Park, South Australia

Tel. 61 8 8300 1999

Fax. 61 8 8300 1991

www.artav.com.au

This product is intended solely for external cosmetic use.

Section 1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

1.1 Product Name: Luminart Professional Lightener Cream

1.2 Other Means of identification:

: Bleaching cream ammonia free

AICS Name: Not allocated

CAS Number: Not allocated

UN Shipping Name: Oxidising Solid NOS

UN Number: 1479

1.3 Recommended Product Use:

Bleaching powder for hair

Restrictions on Use:

Use strictly as directed
For professional hair salon use only

1.4 Supplier details:

Artav Australia
575 South Road
Regency Park SA 5010
ph +61 (8) 8300 1999
fax +61 (8) 8300 1991
email: info@artav.com.au

1.5 Emergency Contact Details:

1.4 Supplier Details

Artav Australia
575 South Road
Regency Park SA 5010
Tel: 61 (8) 8300 1999
Fax: 61 (8) 8300 1991
email: info@artav.com.au

1.5 Emergency Phone Number:

Poisons Information

For advice, contact a Poisons Information Centre (e.g. In Australia phone 131126), New Zealand 0800 764 766) or a doctor.
Make available a copy of this SDS and product labelling information.

Supplier

In business hours, phone 61 8 8300 1999, Fax 61 8 8300 1991



Section 2 HAZARDS IDENTIFICATION

2.1 Classification of the hazardous Chemical or Mixture

Hazardous substance. Dangerous goods.

HAZARDOUS according to the criteria of NOHSC

Hazardous according to the criteria of the Global Harmonised System (GHS) for the classification of chemicals.

Hazardous according to the criteria of Work, Health & Safety Australia.

OSHA Regulatory Status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Hazard Category: This product is classified as :
Xn: harmful.
Xi: Irritating.
O: Oxidising

Dangerous substance for health as per regulation 67/548/CEE.

2.2 Label Elements Including Precautionary Statements

Hazard Pictograms: Oxidising Solid NOS



Signal Word: None
ADG Classification: Class 5.1
UN Number: 1479

hazard Statements:
H272 May intensify fire, oxidiser
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.

Precautionary Statements:
Prevention:
P210 keep away from heat/sparks/open flames/hot surfaces - no smoking.
P220 Store away from combustible materials
P232 Protect from moisture
P261 Avoid breathing dust
P262 Do not get in eyes, on skin, or on clothing.
P270 Do not eat drink or smoke while using this product
P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response:
P301+330+331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting
P303+361+353 IF ON THE SKIN (or hair): remove immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position



P305+351+338: comfortable for breathing.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing
 P309+311 IF EXPOSED and you feel unwell: Call a Poison Centre or doctor/physician.
 P363 WASH contaminated clothing before reuse.
Storage:
 P402+404 Store in a dry place. Store in a closed container
 P420 Store away from other materials
Disposal:
 P501 Dispose of contents/container in accordance with local regulation and by-laws.

2.3 Other Hazards:

Supports combustion, oxidising agent
 Harmful by inhalation and if swallowed
 Irritating to the skin and eyes
 May cause sensitisation by inhalation and skin contact.
 When using this product do not eat or drink, and avoid skin contact.

DANGEROUS GOODS CLASS: Oxidising Agent 5.1
 PACKAGING GROUP: III
 HAZCHEM CODE 2W

Acute toxicity - Oral Category 4
Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2B
Respiratory sensitization Category 1
Skin sensitization Category 1
Specific target organ toxicity (single exposure) Category 3

Section 3 COMPOSITION/INFORMATION ON INGREDIENTS

Mixture: Yes

3.1 Generic Composition

The bleaching cream ingredients are: wax, mineral oil, mineral persulfates, silicates, metasilicates, soaps, gums and titanium dioxide.

3.2 Composition of hazardous ingredients:

HAZARDOUS INGREDIENTS:

Substances contained in this product are harmful to health according to Board Directive 67/548CEE

Ingredient	CAS/EINECS	%	Symbol
Potassium persulphate	7727-21-1 / 2 31-781-8	<25	X _n , O
Sodium metasilicate	6834-92-0 / 229-912-9	<10	C
Sodium persulphate	7775-27-1 / 231-892-1	<5	X _n , O
Sodium lauryl Sulfate	151-21-3 / 205-788-1	<1	X _n

OTHER INGREDIENTS:

Other ingredients known to be non-hazardous to 100%

Emergency Overview

Oxidising agent. May react with acids and reducing substances. Strongly supports combustion





of flammable material.

Irritant to skin and eyes. Harmful if swallowed. May be a strong skin sensitiser.

Potential Health Effects

WARNING: Contains ingredients which may be irritants to some individuals. Test prior to use following the label directs to ensure skin reaction does not occur. Discontinue use if a reaction persists. Do not permit this product being used for eye lashes, eye lids and any other surface likely to result in eye contact. Mix according to directions.

Inhalation

Short tem: Potential sensitiser by inhalation. Once sensitised, an individual exposed to the product by inhalation may experience asthmatic like response, which may be severe in some individuals. Inhalation may induce coughing and shortness of breath. Very high concentrations may result in pulmonary oedema.

Skin contact

Short tem: Potential sensitiser by skin contact. Once sensitised, an individual exposed to the product by contact with the skin may experience rashes and/or inflammation, which may be severe in some individuals.

Eye contact

Short tem: This product is an eye irritant. Symptoms may include stinging and redness. Watering of the eyes may be copious. Lengthy exposure or delayed treatment may result in permanent eye damage.

Ingestion

Short tem: This product is an irritant to the gastrointestinal tract. May be toxic in large amounts. Abdominal pain, vomiting and diarrhoea may result.

Section 4 FIRST AID MEASURES

SWALLOWED: Rinse mouth with water. Do not swallow rinsed water. DO NOT induce vomiting. Seek immediate medical assistance.

Contact Doctor or Poisons Information Centre

EYES: Instantly remove contact lenses. Irrigate 15 minutes with cold water, including under eyelids. If discomfort persists seek medical attention promptly.

SKIN: Wash with soap and water. Seek medical attention if irritation develops. Remove contaminated clothing. If redness or swelling persists, seek medical attention

INHALED: Not applicable in normal use. Remove to fresh air should discomfort occur. Seek medical attention. Prostheses such as false teeth which may block airways should be removed prior to commencing first aid

ADVICE TO DOCTORS (Emergency Treatment) : Treat symptomatically. If in the eyes recheck after several days.

Protection of First Aiders:

Those offering first aid must not proceed should there be personal risk. Only trained first aiders should attempt first aid.

The first aider should assess any potential hazard before commencing mouth to mouth resuscitation.

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Section 5 FIRE FIGHTING MEASURES

Specific Hazards: Non-flammable solid but is a strong supporter of combustion.

If involved in a fire, this product will support combustion and will increase the intensity and heat of the fire.

Decomposition products are not expected to be harmful.

Fire fighting further advice: Non-flammable solid. Heating can cause rupture of containers.

Keep containers cool with water spray.

Fire fighters are to wear self-contained breathing apparatus if the extent of the fire reduces access to fresh air.

Normal fire fighting practice should apply

Suitable extinguishing media: Foam, dry chemical, carbon dioxide.

Fire/Explosion Hazards: Not combustible

In cases of combustion involving large quantities, hazardous decomposition products may include sulphur dioxide and sulphur trioxide.

Fire incompatibility:

Avoid contact with reducing agents

HAZCHEM: 2W

Section 6 ACCIDENTAL RELEASE MEASURES

Minor Spills :

Clean up all spills promptly. Place in suitable containers for disposal.

May be a slip hazard. Absorb with sand or inert media.

Major Spills:

Clear personnel not involved with clean-up from the work area

Slip hazard. Clean spills immediately. DO NOT STORE sweepings containing rags and other materials.

Wear self protective equipment to eliminate contact and inhalation of dust.

Collect and seal in metal containers for subsequent safe disposal according to the requirement of local government.

If contamination of sewers or waterways occurs, immediately notify the relevant authorities. Launder clothing affected by contact before re-use.

Environmental impact:

Prevent contamination of soil and ground water.

Contact local authorities in the event of environmental spillage.

Section 7 HANDLING AND STORAGE

Store in a cool (less than 30°C) place out of direct sunlight.

Avoid contact with oxidisable material such as wet towels.

Keep containers closed when not in use. Store on glass or metal shelving.

Avoid skin and eye contact.

Minimise dust in use.

Avoid contamination with any other material, especially perm lotions.

Section 8 EXPOSURE CONTROLS

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National occupational exposure limits: No value assigned
Information on ingredients:

Sodium metasilicate 6834-92-0

TWA	ACGIH TLV	10 mg/m ³
	OXY REL	5 mg/m ³

Potassium Persulfate 7727-21-1

TWA	ACGIH TLV	0.1 mg/m ³
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Sodium Persulfate 7775-27-1

TWA	ACGIH TLV	0.1 mg/m ³
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Engineering measures: Use in a well ventilated area. Keep containers closed when not in use.
Isolate from oxidisable materials. Keep away from foods.

Personal protective measures: Wear gloves and safety glasses with side shields
In the case of accidental spills, wear gloves and safety goggles.
Ensure adequate ventilation in use.

Breathing measures:
Not necessary in normal use in well ventilated areas, otherwise wear dust mask.
Avoid inhalation of the dust.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Pale blue cream
BOILING/MELTING POINT:	Not available
VAPOUR PRESSURE:	Not determined
FLASH POINT:	Not applicable
FLAMMABILITY LIMITS:	Not applicable
DENSITY:	1.34
SOLUBILITY IN WATER:	partially soluble
SOLUBILITY IN SOLVENTS:	partially soluble
VOLATILES:	less than 1.5%
AUTOIGNITION:	Not applicable
SPONTANEOUS COMBUSTION:	Will not occur
pH 1% soln.	10.5-11.5

Section 10: STABILITY AND REACTIVITY

Stable up to 65°C. Above this temperature, decomposition releases oxygen, and can fuel combustion. Decomposition temperature is lowered in humid conditions.
Avoid heat and humidity

Materials to avoid:
Acids, alkali, metals, burning material, combustible material, reducing agents.

Decomposition products:
Dangerous gases; oxides of carbon, nitrogen, and sulphur, ammonia, and ozone.
Decomposition products may also be reactive.
Humidity affects stability. Moisture in the air causes lowering of the decomposition temperature. Keep containers sealed when not in use.

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Section 11: TOXICOLOGICAL INFORMATION

General:

The product contains ingredients that are harmful to health. These ingredients are irritants for the skin, respiratory tracts, eyes, and all mucous membranes.

Contact with susceptible individuals may result in allergic reaction, including asthmatic reaction on inhalation.

Toxicity of key ingredients:

LD50 (oral)

Sodium metasilicate	1125 mg/kg rat
Potassium persulphate	805 mg/kg rat
Sodium persulphate	895 mg/kg rat

Effects of chronic exposure

EYES: Not tested for chronic exposure condition.

SKIN: Not tested for chronic exposure condition.

INHALED: Not tested for chronic exposure condition.

Pre-existing skin conditions, such as dermatitis, are likely to be aggravated by exposure to this product.

It is expected that organs at risk will be the eyes, respiratory tract, and skin.

Section 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Avoid contaminating waterways. Dangerous for marine life.

Secure spills and dispose of to approved land waste site

Do not allow contamination of storm water or waterways.

Sodium metasilicate 6834-92-0

Sodium metasilicate 96 h LC50 (*Gambusia affinis*) of 2320 ppm

Sodium metasilicate 96 h EC50 Water flea 247 mg/L

Potassium Persulfate (7727-21-1)

Potassium Persulfate 48 h LC 50 (*Oncorhynchus mykiss*), : 234mg/L

Potassium Persulfate 48 h LC 50 (*Poecilia reticulata*), : 845 mg/L

Potassium Persulfate 48h EC50-Daphnia (water flea) : 120 mg/L

12.2 Mobility: n.d.

12.3 Persistence and degradability n.d.

12.4 Bio-accumulate potential n.d.

12.5 PBT evaluation n.d.

12.6 Further harmful effects n.d.

German classification for risk to waters; WGK 1: slightly dangerous

Section 13: DISPOSAL CONSIDERATIONS

Refer to the relevant local authorities for disposal procedures.

Fire hazard: Do not add this powder to combustible material.

Do not dispose of this product with domestic waste.

Do not re-use empty containers.

Seal empty containers before disposal

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Section 14: TRANSPORT INFORMATION

Symbols: X_n Harmful, O Oxidiser

14.1 Transportation:

Classified as Dangerous Goods for the purpose of transport by road or rail.

Refer to relevant local regulations for storage and transport

14.2 Class: 5.1

14.3 UN No: 1479

14.4 EPG: 31

14.5 Packaging Group: III

14.6 Shipping name: Oxidising Solid NOS

14.7 Segregation: Store below 30°C, away from heat, light and oxidisable material.

14.8 Hazchem code: 2W

14.9/14.10 Maritime Transportation (IMDG) & Air Transportation (IATA/ICAO-TI)

IMDG Class: 5.1

Label: Oxidising Solid NOS

ICAO/IATA Class: 5.1

Label: Oxidising Solid NOS

UN Number 1479

Marine Pollutant: Not allocated

EMS Number: Fire F-A, Spill S-Q

Proper Shipping name: Oxidising Solid NOS

Technical Shipping name: Oxidising Solid NOS

Section 15: REGULATORY INFORMATION

Hazardous substance according to the requirements of Safe Work Australia

LD50 (Acute Oral Toxicity): Not determined

LD50 (Acute Dermal Toxicity): Not determined

LC50 (Acute Inhalation Toxicity) Not determined

CARCINOGENICITY: None known

TETRAGENICITY: None known

MUTAGENICITY: None known

FISH TOXICITY; None known

BIODEGRADABILITY: Not determined

CHEMICAL INGREDIENTS: All ingredients used in this product are registered on the Australian Inventory of Chemical Substances (AICS).

Section 16: Other information

Label hazard warning.

POISON, Keep out of reach of children

Sensitivity test. It is recommended that prior to treating clients with this product a small patch test be carried out to determine if a sensitisation reaction occurs. If positive, immediately discontinue use.

This SDS has been prepared in accordance with Work Safe Australia guidelines using the available information at time of preparation. Final determination of suitability for the purpose intended rests with the user.

As the supplier has no control over the conditions under which the product may be used, the

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