

Material Safety Data Sheet

Section 1. Product Identifier and Company Identification

Product name: Antidot Pro by Scalfix. Formats: 60mL, 240mL, 1000mL

Manufacturer: Delta Pharma Inc.
Address: 1655 Trans-Canada Dorval Qc H9P 1J1
Phone number: + (1) 514 685-7311
Fax number: + (1) 514 685-0877

Client: Scalfix
Address: 10100 Mirabeau Montreal, Québec H1J 1T6
Phone number: + (1) 1.866.667.0606

Section 2. Hazards identification

Adverse human health effects: no risk observed.
Environmental effects: no particular risk to the environment.
Fire or explosion: According to our knowledge, no specific hazard under normal conditions of use.

Section 3. Composition/information on ingredients

AQUA/WATER/EAU, CETEARYL ALCOHOL, CETRIMONIUM CHLORIDE, POTASSIUM HYDROGEN TARTRATE, COCONUT OIL POWDER, GLYCERIN, CETYL ESTERS, KUMQUAT OIL, MACADAMIA OIL POWDER, BAMBOO OIL POWDER, BORAGE OIL POWDER, GRAPE SEED OIL POWDER, AVOCADO POWDER, GRAPE FRUIT OIL, HYDROLYSED SOY PROTEIN, HYDROLYSED WHEAT PROTEIN, PANTHENOL, BABASSU OIL, COCONUT OIL, OMEGA OIL, DEXTROSE (CORN OIL), MALTODEXTRINE, ARGAN OIL, SHEA BUTTER, CITRIC ACID, PHENOXYETHANOL, ETHYLHEXYLGLYCERIN, FRAGRANCE.

Section 4. First aid measures

Skin contact: Rinse off with plenty of water. If irritations persists consult a doctor.
Eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Ingestion: Harmful if ingested. Drink water. If the person is unconscious, do not give him/her anything to drink. Consult a doctor if necessary.
Inhalation: N/A

Section 5. Fire-fighting Measures

Flammability: The product is not flammable.
Suitable extinguishing media: Carbon dioxide (CO₂), foam, powders.
Specific hazards: On heating or during combustion, may form toxic and irritating vapours.
Specific firefighting methods: Do not attempt to fight the fire without suitable protective equipment.
Protection of fire-fighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6. Accidental release measures

Personal precautions: Avoid contact with skin and eyes. Do not eat. Do not breathe.
Environmental precautions: Do not discharge product into natural waters without pre-treatment or adequate dilution
Methods and material for containment and cleaning up:

- Methods for containment: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.
- Methods for cleaning up: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations

Section 7. Handling and storage

HANDLING

For Household Settings: Keep container closed when not in use.

For Non-Household Settings: Storage in large quantities (as in warehouses) should be in a well-ventilated, cool area.

Precautions: Avoid contact with skin and eyes. Wash hands and any other zone exposed to the product.

STORAGE

Technical measures: Store the container tightly closed, in a cool and dry area, at temperatures not exceeding 25 °C, protected from light and humidity.

Incompatible materials: oxidizing agents, acids and bases.

Section 8. Exposure controls/personal protection

For Household Settings:

This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseen use.

For Non-Household Settings:

-Control parameters

Occupational exposure limits: Exposure guidelines are not relevant when product is used as intended in a household setting.

-Exposure controls

Engineering measures: No specific measures are required if the product is handled in accordance with the general rules of occupational hygiene and safety. Ensure good ventilation of the work station.

Individual protection measures:

Hygiene measures: N/A

Eye/face protection: Avoid contact with the eyes. No protective equipment is needed under normal use conditions

Skin and Body Protection: No protective equipment is needed under normal use conditions.

Respiratory Protection: No protective equipment is needed under normal use conditions.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Color and Appearance:	White thick cream.
Density:	0.95 – 1.05
Specific Gravity:	N/A
Solubility in Water:	Miscible
pH:	4.0 – 5.0
Viscosity:	18,000 – 30,000 cPs
Flammability (solid, gas):	Not flammable
Auto-ignition Temperature:	Not applicable
Flash point:	No data available.
Evaporation Rate:	No data available.
Decomposition temperature:	No data available.

Section 10. Stability and reactivity

Stability: Stable at ambient temperature and under normal conditions of use.

Reactivity: No specific test data available.

Possibility of hazardous reactions: Under normal conditions of storage and use, no hazardous reactions will occur.

Incompatible materials: Strong oxidizers, bases.

Conditions to avoid: Avoid all possible sources of ignition (spark or flame).

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

This is a personal care or cosmetic product that complies with the safety assessment. Based on the information obtained from each ingredient the finished product is not expected to be harmful on humans.

Principle Routes of Exposure/ Potential Health effects

Carcinogenic effects:	Finished product is not expected to be carcinogenic.
Mutagenic effects:	Finished product is not expected to be mutagenic.
Reproductive toxicity:	Finished product is not expected to be reproductive toxic.
NTP:	No
IARC:	No
OSHA:	No
Allergen to declare:	No

Toxicological data observed:

Cetrimonium Chloride:

Humans:

Vapor irritating to eyes, nose and throat. Harmful if inhaled. Liquid irritating to skin and eyes. Harmful if swallowed.

Non-Human Toxicity Excerpts

Did not induce in vitro neoplastic transformations of hamster embryo cells and were not mutagenic for Salmonella Typhimurium strains TA100 and TA98 either in the presence or in the absence of liver enzymes (*KUNIO I ET AL; PREPR SCI PAP INT FED SOC COSMET CHEM CONGR 10TH 1: 139 (1978)*).

Values: LD50 Mouse iv 325 mg/kg (*Lewis, R.J. Sax's Dangerous Properties of Industrial Materials. 9th ed. Volumes 1-3. New York, NY: Van Nostrand Reinhold, 1996., p. 3284*)

Behentrimonium Chloride

Oral LD50 Rat (OECD 401 eq.) > 3,190 mg/kg bw

REPEAT DOSE TOXICITY: NOAEL (Behentrimonium Chloride, oral): 10 mg/kg bw/d (28d) (Rat, OECD 407) – GI tract effects

MUTAGENICITY: A variety of in vitro tests have produced negative results.

REPRODUCTIVE TOXICITY: NOAEL: 75 mg/kg/day (Rat, OECD 421) – No effects on fertility

Skin Corrosion/Irritation: Behentrimonium Chloride: Irritating (Rabbit, OECD 404)

Serious Eye Damage/Irritation: Corrosive (Rabbit, OECD 405)

Respiratory Irritation: No Data

Skin Sensitization: Behentrimonium Chloride: Not sensitizing (Guinea Pig, OECD 406)

Section 12. Ecological information

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices. Additional information is available from the supplier on request.

Cetrimonium chloride: was degraded with a half-life of 3.1 days in freshwater at 20 deg C and pH 6.9
Behetrimonium chloride: Readily Biodegradable – OECD 301 B – 80% (28d)

Other adverse effects: No known significant effects or critical hazards.

Section 13. Disposal considerations

Waste treatment methods: Disposal should be in accordance with applicable regional, national and local laws and regulations.

For Household Settings: Information use is provided on the product's packaging. For consumer usage only according to the product's information.

For Non-Household Settings: Products covered by this MSDS, in their original form, when disposed as waste, are considered non-hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

Section 14. Transport information

Regulatory information

ADR/RID / IMDG / IATA: Not regulated.

Special precautions for user:

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

International regulations:

CTFA: all the ingredients of this preparation are listed.

European inventory: all the ingredients of this preparation are listed.

NOTE: The regulatory information given above only indicates the main regulations specifically applicable to the product described in the MSDS.

Labelling:

- Symbols and indications of danger: None
- R phrases: None
- S phrases: None

Note: for additional information, address to PCPC, European inventory and to the Canadian Justice Laws (Consumer Packaging and Labelling Act R.S.C., 1985, c. C-38)

Section 16. Other information

Restrictions on use: This product must not be used for other applications as mentioned in product packaging.

This material safety data sheet is offered for your information only. We believe the statements, technical information and recommendations contained herein are reliable, but are given without warranty or guarantee of any kind, expressed or implied.

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