

MATERIAL SAFETY DATA SHEET

PRAVANAÍ
NATURCEUTICALS
CREME DEVELOPER 20 VOL (6%)

I. PRODUCT AND COMPANY INFORMATION

| | |
|--|--|
| Product Name | PRAVANAÍ Creme Developer 20 Vol. (6%) |
| Internal Product Number | 43093, 40886 |
| Product Class | Creme developer |
| Description | White Liquid |
| Recommended Use | Hair bleaching |
| Restrictions of Use | Avoid contact with eyes. If contact occurs, flush eyes with water. Keep out of the reach of children. Keep in a cool, dark location. |
| Company Name | Nattura Laboratorios, S.A. de C.V. Pedro Martinez Rivas # 746. Parque Industrial Belenes Norte. Zapopan, Jalisco, México. C.P. 45145 (52 33) 38363850, (5233) 32088282 |
| Telephone Number | (52 33) 38363850, (5233) 32088282 |
| For all emergencies, call CHEMTREC day or night: | |
| Domestic North America: 800-424-9300. | |
| International, call: 1-703-527-3887 (Collect calls accepted). | |

II. HAZARDS IDENTIFICATION

Emergency Overview:

Contact with combustibles may cause fire. Decomposes yielding oxygen that supports combustion of organic matters and can cause overpressure if confined.

Route(s) of Entry

| | |
|--------------------|-----|
| Inhalation: | Yes |
| Ingestion: | Yes |
| Skin: | Yes |

Signs and Symptoms of Exposure

Irritating to eyes
Prolonged skin contact may cause skin irritation.
Harmful if swallowed.

| | |
|-------------------------|----|
| Carcinogenicity (NTP): | No |
| Carcinogenicity (IARC): | No |
| Carcinogenicity (OSHA): | No |

Potential Health Effects:

Corrosive to eyes, nose, throat and lungs. May cause irreversible tissue damage to the eyes including blindness. May cause skin irritation.

III. COMPOSITION/INFORMATION ON INGREDIENTS

| INGREDIENT NAME | CAS # | EINECS # |
|------------------------|-----------|-----------|
| 1. Water (Aqua) | 7732-18-5 | 231-791-2 |
| 2. Hydrogen peroxide | 7722-84-1 | 231-765-0 |
| 3. Cetearyl alcohol | 8005-44-5 | N/A |
| 4. Isopropyl Myristate | 110-27-0 | 203-751-4 |

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| | | |
|---------------------------|--|---|
| 5. Sodium Laureth Sulfate | 3088-31-1/9004-82-4/68891-38-3/1335-72 4/68585-34-2/ 91648-56-5 | 221-416-0/ - / 500- 234-8 / - / 500-223-8 / 293-918-8 |
| 6. Cetareth 25 | 68439-49-6 | N/A |
| 7. Tetrasodium EDTA | 64-02-8 | 200-573-9 |
| 8. Etidronic Acid | 2809-21-4 | 220-552-8 |

IV. FIRST AID MEASURES

General information

Immediately rinse any splashes on the skin and clothing

After inhalation:

Remove individual to fresh air. If breathing difficulty or discomfort occurs and persists, call a physician.

After skin contact:

Wash with plenty of soap and water. Get medical attention if irritation occurs and persists.

After eye contact:

Immediately flush with water for at least 15 minutes, lifting the upper and lower eyelids intermittently. See a medical doctor or ophthalmologists immediately.

After ingestion:

Do not induce vomiting. Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. See a medical doctor immediately.

Notes to Medical Doctor:

Hydrogen peroxide at these concentrations is a strong oxidant. Direct contact with the eye is likely to cause corneal damage especially if not washed immediately. Careful ophthalmologic evaluation recommended and the possibility of local corticosteroid therapy should be considered. Because of the likelihood of corrosive effects on the gastrointestinal tract after ingestion, and the unlikelihood of systemic effects, attempts at evacuating the stomach via emesis induction or gastric lavage should be avoided. There is a remote possibility, however, that a nasogastric or orogastric tube may be required for the reduction of severe distension due to gas formation.

V. FIRE FIGHTING MEASURES

Flammable Properties: Contact with combustible material may cause fire.

Flash Point:

No applicable

Fire/Explosion Hazards:

Material may be ignited only if is preheated to high temperatures, for example in a fire. Relative hazard is anticipated to be the same as typical combustible materials.

Extinguishing Media:

Use foam, dry chemical or water spray when fighting fires.

Fire Fighting Instructions:

In case of fire, use normal firefighting equipment including a NIOSH approved self-contained breathing apparatus (SCBA). Use water to cool containers.

Hazardous Combustion Products:

Oxygen, Carbon Dioxide, Carbon Monoxide

VI. ACCIDENTAL RELEASE AND MEASURES

Personal precautions

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Avoid contact with skin, eyes and clothing.
Do not breathe in vapors.
Ensure adequate ventilation.

Environmental precautions

Do not flush into surface water or sanitary sewer system. (Undiluted)

Methods for cleaning up/taking up

Small amounts: Flush into sewer with plenty of water.
Do not soak up with combustible material, e.g. paper

Release Note:

Dilute with a large volume of water and hold in a pond or diked area until hydrogen peroxide decomposes. Hydrogen peroxide may be decomposing by adding sodium metabisulfite or sodium sulfite after diluting to about 5%. Dispose according to methods outlined for waste disposal. Combustible materials exposed to hydrogen peroxide should be immediately submerged in or rinsed with large amounts of water to ensure that all hydrogen peroxide be removing. Residual hydrogen peroxide that is allowed to dry (upon evaporation hydrogen peroxide can concentrate) on organic materials such as paper, fabrics, cotton, leather, wood or other combustibles can cause the material to ignite and result in a fire.

VII. HANDLING AND STORAGE

Handling:

Wear cup type chemical safety goggles and full-face shield, impervious clothing, such as rubber, PVC, etc., and rubber or neoprene gloves and shoes. Avoid cotton, wool and leather. Avoid excessive heat and contamination. Contamination may cause decomposition and generation of oxygen gas that could result in high pressures and possible container rupture. Hydrogen peroxide should be stored only in vented containers and transferred only in a prescribed manner. Never return unused hydrogen peroxide to original container, empty drums should be triple rinsed with water before discarding. Utensils used for handling hydrogen peroxide should only be made of glass, stainless steel, aluminum or plastic.

Contact with combustible material may cause fire. Do not use metal bowl/stirrer for mixing.

Use mixture immediately. If the components are mixed in a bottle: Do not leave the mixture in the closed bottle (bottle may expand/burst).

Follow the instructions. Do not use when the hair has previously been colored with metal dyes.

Do not exceed the development time stated. Rinse hair well after application.

Storage and Disposal:

Store in cool areas out of direct sunlight and away from combustibles. Keep out of reach children

Ventilation:

Provide mechanical general and/or local exhaust ventilation to prevent release of vapor or mist into the work environment.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

| <u>Chemical Name</u> | <u>TWA (ACGIH)</u> | <u>STEL/Ceiling (ACGIH)</u> | <u>PEL (OSHA)</u> | <u>STEL/Ceiling (OSHA)</u> |
|----------------------|--------------------|-----------------------------|-------------------|----------------------------|
| Hydrogen Peroxide | 1 ppm | - | 1 ppm | - |

National Exposure Standards:

No exposure limits established for this product.

Biological Limit Values:

No exposure limits established for this product.

Engineering Controls:

Ventilation should be provided to minimize the release of hydrogen peroxide vapor and mists into the work environment. Spills should be minimize or confined immediately to prevent release into work area. Remove contaminated clothing immediately and wash before reuse.

Protective and hygiene measures

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When using, do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.

Personal Protective Equipment (PPE):**Eyes and face:**

Use type chemical goggles. Full-face shield may be used.

Hand protection

Wear suitable gloves

IX. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form: Liquid
Color: White
Odor: Characteristic

Health, Safety and Environmental Information

pH Value: 2.8 - 3.2
Bulk Density: Not Available
Vapor Density: Heavier than air
Evaporation Rate: Slower than ether
Water Solubility: Soluble
Boiling Point (°F): >212°F (100°C)
Freezing Point (°F): Not applicable
Melting Point (°F): Not applicable
Flash Point (°F): Not applicable
Autoignition Temp (°F): Not applicable
Decomposition Temp (°C): 40.00 °C

X. STABILITY AND REACTIVITY**Stability and Reactivity Summary:**

Stable under normal conditions

Chemical Incompatibility:

Reducing agents, combustible materials such as wood, cloth, or organic materials, metal such as iron, copper, and their alloys and dirt.

Hazardous Polymerization:

Will not occur

Hazardous Decomposition Products:

Oxygen

Conditions to Avoid:

Avoid heat and sunlight, Store away from flammable liquids, flammable solids, aerosols and other incompatible materials. Avoid contamination. Do not store any tint, lightener lotion or bleach powder if it has been mixed with developer cream; the container may rupture. Never return unused material to original container. Avoid extreme heat and return ignition sources.

XI. TOXICOLOGICAL INFORMATION**Acute toxicity**

Harmful if swallowed.
Hydrogen Peroxide 9.6%
LD50/oral/rat= 1500 ó 1600 mg/kg

Irritancy and corrosiveness

Eye irritation: Hydrogen Peroxide 8%; Risk of serious damage to eyes.
Skin irritation: Patch test on human volunteers did not demonstrate irritating properties (argument by analogy).

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Sensitizing effect

No known sensitizing effect.

Subacute, subchronic and prolonged toxicity

Prolonged skin contact may cause skin irritation.

XII. ECOLOGICAL CONSIDERATIONS

Ecotoxicity:

Acute fish toxicity= LC50(96h)=16.4mg/l (pimephales promelas, US EPA)

EC50/48 h/daphnia= 2.4 mg/l (daphnia pulex , US EPA)

EC50/72h/algae=2.5mg/l(chlorella vulgaris, OECD 201 mod.)

Toxicity to bacteria: EC50(3h) =466 mg/l (OECD 209)

Bioaccumulation:

Biodegradable

Environmental Fate and Distribution:

Biodegradable

Fate and Effect in Waste Water Treatment Plants:

Biodegradable; rapid elimination in sewage treatment plants.

XIII. DISPOSAL CONSIDERATIONS

Disposal Method:

The bottle must be completely empty before disposal.

Disposal should be in accordance with all applicable local, state and federal regulations.

XIV. TRANSPORTATION METHOD

U.S. DEPARTMENT OF TRANSPORTATION (DOT) 49 CFR 172.101

Proper Shipping Name Not Classified as Dangerous Goods

Land transport (ADR/RID)

Class: Not Classified as Dangerous Goods

UN number: Not Classified as Dangerous Goods

Packing group: Not Classified as Dangerous Goods

Marine transport (IMO/IMDG)

Class: Not Classified as Dangerous Goods

UN number: Not Classified as Dangerous Goods

Packing group: Not Classified as Dangerous Goods

Air Transport (ICAO/IATA-DGR)

Class: Not Classified as Dangerous Goods

UN-ID number: Not Classified as Dangerous Goods

Packing group: Not Classified as Dangerous Goods

IATA-packing instructions-Passenger: Not Classified as Dangerous Goods

IATA-packing instructions-Cargo: Not Classified as Dangerous Goods

XV. REGULATORY INFORMATION

U.S. Regulation

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XVI. ADDITIONAL INFORMATION

DISCLAIMER

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Nattura Laboratorios,S.A de C.V. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Nattura Laboratorios S.A. de C.V. has been advised of the possibility of such damages.

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