

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label: BLACKLIGHT SMART DEVELOPER 40 VOLUME

Other means of identification:

Recommended use of the chemical and restrictions on use: Hair Colour Developer

Restriction on use: Professional use only

Chemical family: Inorganic peroxide solution.

Name, address, and telephone number of the supplier:

Vernico Hair Products Ltd.

680 Avenue Lépine

Dorval, QC, Canada

H9P 2S5

Name, address, and telephone number of the manufacturer: Refer to supplier

Supplier's Telephone #: 1-877-837-6426(Monday - Friday, 8:00 am - 4:30 pm, Eastern Time)

24 Hr. Emergency Tel #: 1-888-CANUTEC (NORTH AMERICA)

1-613-996-6666 (INTERNATIONAL)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the chemical

White lotion. Slightly pungent odour.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Hazard classification:

Oxidizing Liquid - Category 3

Eye damage/irritation -Category 2A

Label elements

Hazard pictogram(s)



Signal Word

WARNING!

Hazard statement(s)

May intensify fire; oxidizer.
Causes serious eye irritation.

Precautionary statement(s)

Keep away from heat.
Keep/Store away from clothing and other combustible materials.
Take any precaution to avoid mixing with combustible materials.
Wash thoroughly after handling.
Wear protective gloves and eye/face protection.

If on skin: Wash with plenty of water.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash before re-use.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
Absorb spillage to prevent material damage.
In case of fire: Use water spray or fog to extinguish.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Other hazards which do not result in classification: Ingestion can cause irritation and corrosive action in the mouth, stomach and digestive tract. May cause skin irritation. May be corrosive to metals.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Solution

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
Hydrogen peroxide	Dihydrogen dioxide	7722-84-1	9.0 - 12.0
1-Hexadecanol	Cetyl alcohol	36653-82-4	1.0 - 5.0
1-Octadecanol	Stearyl alcohol	112-92-5	1.0 - 5.0
Paraffinum Liquidum	White Mineral oil	8042-47-5	0.5 – 2.0
Alcohols, C16-18, ethoxylated	Eumulgin B25	68439-49-6	0.5 - 1.5
2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate	Acrylates copolymer	25133-97-5	0.5 - 1.5
Sodium lauryl sulfate	Sodium dodecyl sulfate	151-21-3	0.1 – 1.0

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

SECTION 4: FIRST-AID MEASURES

Description of first aid measures

Ingestion: IF INGESTED, do not induce vomiting. Have victim rinse mouth with water, then give one to two glasses of water to drink. Never give anything by mouth to an unconscious person. If symptoms develop, seek medical attention.

Inhalation: IF INHALED, remove person to fresh air and keep comfortable for breathing. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing has stopped, give artificial respiration. If symptoms develop, seek medical attention.

Skin contact: IF ON SKIN, wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact: IF IN EYES, rinse with water for 15 minutes. If eye irritation persists: get medical advice/attention.

Most important symptoms and effects, both acute and delayed: Causes serious eye irritation. Symptoms may include redness, pain, tearing and conjunctivitis. Direct skin contact may cause slight or mild, transient irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Fires should be flooded with large amounts of water. Avoiding using other types of extinguishing materials, such as foam or dry chemicals.

Unsuitable extinguishing media: Avoid using Carbon dioxide or other similar extinguishing agents as they are not effective in fires involving oxidizers.

Special hazards arising from the substance or mixture / Conditions of flammability:

May intensify fire; oxidizer. Substance releases oxygen when heated, which may increase the severity of an existing fire.

Flammability classification (OSHA 29 CFR 1910.106): Not flammable.

Hazardous combustion products: Oxygen; Carbon oxides.

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Normal protective clothing (bunker gear) may not be adequate. A full-body encapsulating chemical protective suit may be necessary.

Special fire-fighting procedures: Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: All persons dealing with clean-up should wear the appropriate protective equipment including self-contained breathing apparatus. Keep all other personnel upwind and away from the spill/release. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

Environmental precautions: Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. For large spills, dike the area to prevent spreading.

Methods and material for containment and cleaning up: Ventilate area of release. Remove all sources of ignition. Stop leak if you can do so without risk. Dike for water control. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Contact the proper local authorities.

Special spill response procedures: If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802). US CERCLA Reportable quantity (RQ): None reportable.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Use in a well-ventilated area. Wear chemically resistant protective equipment during handling. Wear protective gloves and eye/face protection. Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Keep away from combustible material. 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. Never return contaminated material to its original container. Label containers appropriately. Wash thoroughly after handling. Keep containers closed when not in use.

Conditions for safe storage: Store in a cool, dry, well-ventilated area. Store away from incompatibles and out of direct sunlight. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking in the area. Store in corrosion-resistant containers. Store in vented containers. Do not store on wooden pallets. Protect from sunlight. Storage temperatures should not exceed 39°C. Unsuitable materials for containers: Steel; Iron; Nickel; Copper.

Incompatible materials: Combustible materials, Nitric acid, Organic materials, Metals, Reducing agents, Potassium Pentaborate Tetrahydrate.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Chemical Name</u>	<u>Exposure Limits</u>			
	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Hydrogen peroxide	1 ppm	N/Av	1 ppm; 1.4 mg/m ³	N/Av
1-Hexadecanol	N/Av	N/Av	N/Av	N/Av
1-Octadecanol	N/Av	N/Av	N/Av	N/Av
Paraffinum Liquidum	N/Av	N.Av	5 mg/m ³	N/Av
Alcohols, C16-18, ethoxylated	N/Av	N/Av	N/Av	N/Av
2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate	N/Av	N/Av	N/Av	N/Av
Sodium lauryl sulfate	N/Av	N/Av	N/Av	N/Av

Exposure controls

Ventilation and engineering measures: Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapours below their respective threshold limit value. Use explosion-proof equipment.

Respiratory protection: Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust and/or fumes). Advice should be sought from respiratory protection specialists. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02.

Skin protection: Impervious gloves must be worn when using this product. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye / face protection: Wear eye/face protection. Chemical safety glasses with side shields or splash proof goggles.

Other protective equipment: Full protective flameproof clothing. An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.

General hygiene considerations: Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White lotion.

Odour: Slightly pungent.

Odour threshold: N/Av

pH: 2.7 - 3.5

Melting Point/Freezing point: N/Av

Initial boiling point and boiling range: N/AV

Flash point: N/Ap

Flash point (Method): N /Ap

Evaporation rate (Butane = 1): N/Av

Flammability (solid, gas): N/Ap

Lower flammable limit (% by vol.): N/Ap

Upper flammable limit (% by vol.): N/Ap

Oxidizing properties: Strong oxidizer which will promote combustion. Will accelerate combustion and increase the risk of fire and explosion in combustible or flammable materials.

Explosive properties: Not explosive

Vapour pressure: N/Av

Vapour density: N/Av

Relative density / Specific gravity: 0.91 – 1.02g/ml

Solubility in water: Soluble.

Other solubility(ies): N/Av

Partition coefficient: n-octanol/water or Coefficient of water/oil distribution: N/Av

Auto-ignition temperature: N/Av

Decomposition temperature: N/Av

Viscosity: 1000-2500 at 25°C

Volatiles (% by weight): N/Av

Volatile organic Compounds (VOC's): N/Av

Absolute pressure of container: N/Ap

Flame projection length: N/Ap

Other physical/chemical comments: None known or reported by the manufacturer

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not expected to be reactive. May be corrosive to metals.

Chemical stability: Stable under the recommended storage and handling conditions prescribed.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Avoid heat and open flame. Ensure adequate ventilation, especially in confined areas. Avoid contact with incompatible materials. Do not keep container sealed. Keep out of direct sunlight. Keep away from combustible material.

Incompatible materials: Reducing agents; Combustible material; Organic materials; Reactive metals; Fuel; Solvent; Alkalies

Hazardous decomposition products: None known, refer to hazardous combustion products in Section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation: YES

Routes of entry skin & eye: YES

Routes of entry Ingestion: YES

Routes of exposure skin absorption: NO

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation: If product is heated or mists are formed, inhalation may cause irritation to the nose, throat and respiratory tract. Symptoms may include coughing, choking and wheezing. Inhalation of extremely high concentrations could cause pulmonary edema (fluid accumulation). Symptoms of pulmonary edema (chest pain, shortness of breath) may be delayed.

Sign and symptoms ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Sign and symptoms skin: Direct skin contact may cause slight or mild, transient irritation.

Sign and symptoms eyes: Causes serious eye irritation. Symptoms may include redness, pain, tearing and conjunctivitis.

Potential Chronic Health Effects: Prolonged or repeated skin contact may cause drying and irritation.

Mutagenicity: Not expected to be mutagenic in humans.

Carcinogenicity: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive effects & Teratogenicity: Not expected to have other reproductive effects.

Sensitization to material: Not expected to be a skin or respiratory sensitizer.

Specific target organ effects: Eyes, skin, respiratory system and digestive system.

According to the classification criteria of U.S. OSHA regulations (29CFR 1910.1200)

(Hazcom 2012), this product is not expected to cause target organ toxicity through single or repeated exposures.

Medical conditions aggravated by overexposure: Pre-existing skin, eye and respiratory disorders.

Synergistic materials: N/Av

Toxicological data: There is no available data for the product itself, only for the ingredients.

See below for individual ingredient acute toxicity data.

ATE oral = 19,833 mg/kg

<u>Chemical name</u>	<u>LC50(4hr)</u>	<u>LD50</u>	
		<u>Inhalation, rat</u>	<u>Oral, rat</u>
Hydrogen peroxide	0.17 mg/L 4 h (no deaths)	1193 mg/kg	>2000 mg/kg
1-Hexadecanol	N/Av	5 g/kg	N/Av
1-Octadecanol	N/Av	2510 mg/kg	N/Av
Paraffinum Liquidum	N/Av	N/Av	N/Av
Alcohols, C16-18, ethoxylated	N/Av	1260 mg/kg	N/Av
2-Propenoic acid, 2- methyl-, polymer with ethyl 2- propenoate and methyl 2-methyl-2- propenoate	N/Av	N/Av	N/Av
Sodium lauryl sulfate	>3900 mg/m ³	1280 mg/kg	N/Av

Other important toxicological hazards: None known or reported by the manufacturer.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Toxic to aquatic life with long lasting effects. Do not allow this material to drain into sewers/water supplies.

Chemical name	CAS #	Toxicity to Fish		
		LC50/96h	NOEC/21 DAYS	M Factor
Hydrogen peroxide	7722-84-1	16.4mg/L (Fathead minnow)	N/Av	None.
1-Hexadecanol	36653-82-4	N/Av	N/Av	N/Av
Paraffinum Liquidum	8042-47-5	>10000mg/L	N/Av	N/Av
1-Octadecanol	112-92-5	Brachydanio rerio: >10000 mg/L	N/Av	N/Av
Alcohols, C16-18, ethoxylated	68439-49-6	N/Av	N/Av	N/Av
2-Propenoic acid, 2-methyl-, polymer with ethyl 2- propenoate and methyl 2-methyl-2- propenoate	25133-97-5	N/Av	N/Av	N/Av
Sodium lauryl sulfate	151-21-3	29mg/L (Fathead minnow)	1.36mg/L	None

Chemical name	CAS #	Toxicity to Daphnia		
		EC50/48h	NOEC/21 DAYS	M Factor
Hydrogen peroxide	7722-84-1	2.4mg/L Water flea	N/Av	None.
1-Hexadecanol	36653-82-4	N/Av	N/Av	N/Av
1-Octadecanol	112-92-5	1666 mg/L	N/Av	N/Av
Paraffinum Liquidum	8042-47-5	N/Av	N/Av	N/Av
Alcohols, C16-18, ethoxylated	68439-49-6	N/Av	N/Av	N/Av
2-Propenoic acid, 2-methyl-, polymer with ethyl 2- propenoate and methyl 2-methyl-2- propenoate	25133-97-5	N/Av	N/Av	N/Av
Sodium lauryl sulfate	151-21-3	5.55mg/L	3.2 mg/L	None

<u>Chemical name</u>	<u>CAS #</u>	<u>Toxicity to Algae</u>		
		<u>EC96 or 72h</u>	<u>NOEC/96h or 72h</u>	<u>M Factor</u>
Hydrogen peroxide	7722-84-1	N/Av	0.63 mg/L (Green algae)	None.
1-Hexadecanol	36653-82-4	N/Av	N/Av	N/Av
1-Octadecanol	112-92-5	96 Hr EC50 Desmodesmus subspicatus: 235 mg/L	N/Av	N/Av
Paraffinum Liquidum	8042-47-5	N/Av	N/Av	N/Av
Alcohols, C16-18, ethoxylated	68439-49-6	N/Av	N/Av	N/Av
2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate	25133-97-5	N/Av	N/Av	N/Av
Sodium lauryl sulfate	151-21-3	>120mg/L (Green algae)	30mg/L (Green algae)	None

Persistence and degradability: No data is available on the product itself.

Bioaccumulation potential: No data is available on the product itself.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Hydrogen peroxide (cas #: 7722-84-1)	1.5	No bioaccumulation
1-Hexadecanol (cas #: 36653-82-4)	6.65	20
1-Octadecanol (cas #: 112-92-5)	7.19	100,000
Sodium lauryl sulfate (cas #: 151-21-3)	1.6	2.1 – 5.3

Mobility in soil: No data is available on the product itself.

Other Adverse Environmental effects: No data is available on the product itself.

SECTION 13: DISPOSAL CONSIDERATIONS

Handling for Disposal: Handle waste according to recommendations in Section 7. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Do not cut, weld, drill or grind on or near this container.

Methods of Disposal: Dispose in accordance with all applicable federal, state, provincial and local regulations.

RCRA: It is the responsibility of the waste generator to determine the proper waste identification and disposal method.

For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14: TRANSPORT INFORMATION

Regulatory Information	UN Number	Proper Shipping Name	Transport Hazard class(s)	Packing Group
DOT	2984	HYDROGEN PEROXIDE, AQUEOUS SOLUTION	5.1	III
IMDG	2984	HYDROGEN PEROXIDE, AQUEOUS SOLUTION	5.1	III
TDG	2984	HYDROGEN PEROXIDE, AQUEOUS SOLUTION	5.1	III
ICAO/IATA	2984	HYDROGEN PEROXIDE, AQUEOUS SOLUTION	5.1	III

Special precautions for users: Keep away from flames and hot surfaces. - No smoking. Avoid contact with combustible material (paper, wool, oil).

Environmental hazards: This product meets the criteria for an environmentally hazardous material according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: This information is not available.

SECTION 15: REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

<u>Components</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity (RQ) (40 CFR 117.302)	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355	SARA TITLE iii: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
Hydrogen peroxide	7722-84-1	Yes	N/Ap	1000lb TPQ (concentration >52%)	No	N/Ap
1-Hexadecanol	36653-82-4	Yes	N/Ap	N/Av	No	N/Ap
1-Octadecanol	112-92-5	Yes	N/Ap	N/Av	No	N/Ap
Paraffinum Liquidum	8042-47-5	N/Av	N/Av	N/Av	No	N/Ap
Alcohols, C16-18, ethoxylated	68439-49-6	Yes	N/Ap	N/Av	No	N/Ap
2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate	25133-97-5	Yes	N/Ap	N/Av	No	N/Ap
Sodium lauryl sulfate	151-21-3	Yes	N/Ap	N/Av	No	N/Ap

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Physical hazards (Oxidizing liquid), Health hazards (Eye irritation).

Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Components</u>	CAS #	California Proposition 65		State "Right to Know" List					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Hydrogen peroxide	7722-84-1	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
1-Hexadecanol	36653-82-4	No	N/Ap	No	No	No	No	No	No
1-Octadecanol	112-92-5	No	N/Ap	No	No	No	No	No	No
Paraffinum Liquidum	8042-47-5	No	N/Ap	No	No	No	No	No	No
Alcohols, C16-18, ethoxylated	68439-49-6	No	N/Ap	No	No	No	No	No	No
2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate	25133-97-5	No	N/Ap	No	No	No	No	No	No
Sodium lauryl sulfate	151-21-3	No	N/Ap	No	No	No	No	No	No

Canadian Information:

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

Canadian WHMIS Classification: Refer to Section 2 for a WHMIS Classification for this product.

International Information:

Components listed below are present on the following International Inventory list:

<u>Components</u>	<u>CAS #</u>	<u>Europe EINECs</u>	<u>Australia AICS</u>	<u>Philippines PICCS</u>	<u>Japan ENCS</u>	<u>Korea</u>	<u>China IECSC</u>	<u>New Zealand</u>
Hydrogen peroxide	7722-84-1	231-765-0	Present	Present	(1)-419	KE-20204	Present	HSR001326, HSR001449, HSR001450 (Dilution)
1-Hexadecanol	36653-82-4	253-149-0	Present	Present	(2)-3704;(2)-217	KE-18460	Present	HSR003844
1-Octadecanol	112-92-5	204-017-6	Present	Present	(2)-3704;(2)-217	KE-26419	Present	HSR003854
Paraffinum Liquidum	8042-47-5	232-455-8	Present	Present	(9)-168	KE-35412	Present	Maybe used as a single component chemical under appropriate group standard
Alcohols, C16-18, ethoxylated	68439-49-6	N/Av	Present	Present	(7)-97	KE-13392	Present	HSR003287
2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate	25133-97-5	N/Av	Present	Present	(6)-624	KE-25254	Present	May be used as a single component chemical under an appropriate group standard
Sodium lauryl sulfate	151-21-3	205-788-1	Present	Present	(2)-1679;(2)-1675	KE-21884	Present	HSR003122

SECTION 16: OTHER INFORMATION

Legend:

ACGIH: American Conference of Governmental Industrial Hygienists

CA: California

CAS: Chemical Abstract Services

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980

CFR: Code of Federal Regulations

CSA: Canadian Standards Association

DOT: Department of Transportation

HMIS: Hazardous Materials Identification System

HSDB: Hazardous Substances Data Bank

IARC: International Agency for Research on Cancer

Inh: Inhalation

LC: Lethal Concentration

LD: Lethal Dose

MA: Massachusetts

MN: Minnesota

N/Ap: Not Applicable

N/Av: Not Available

NFPA: National Fire Protection Association

NIOSH: National Institute of Occupational Safety and Health

NJ: New Jersey

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

PA: Pennsylvania

PEL: Permissible exposure limit

RCRA: Resource Conservation and Recovery Act

RI: Rhode Island

RTECS: Registry of Toxic Effects of Chemical Substances

SARA: Superfund Amendments and Reauthorization Act

STEL: Short Term Exposure Limit

TDG: Canadian Transportation of Dangerous Goods Act & Regulations

TLV: Threshold Limit Values

TWA: Time Weighted Average

WHMIS: Workplace Hazardous Materials Identification System

References:

1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2018.
2. International Agency for Research on Cancer Monographs, searched 2019.
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2019 (Chempendium, HSDB and RTECs).
5. US EPA Title III List of Lists - June 2019 version.
6. California Proposition 65 List - June 2019 version.
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2019.

Preparation Date (mm/dd/yyyy): 09/26/2019

Other special considerations for handling: Provide adequate information, instruction and training for operators.

This product is intended for professional use only.

DISCLAIMER

The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. Vernico Hair Products Ltd. expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

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