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SECTION 1. IDENTIFICATION

Product identifier used on the label

: **BLACKLIGHT SMART DEVELOPER 20 VOLUME**

Other means of identification : 00321

Recommended use of the chemical and restrictions on use

: Hair Colour Developer
Restriction on use: None known

Chemical family : Mixture

Name, address, and telephone number of the supplier:

Vernico Hair Products Ltd.
680 Avenue Lepine
Dorval, QC, Canada
H9P 2S5

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

24 Hr. Emergency Tel # : 514-821-0604

Name, address, and telephone number of the manufacturer:

Refer to supplier

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

White lotion. Slightly pungent odour.

This material is not classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Label elements

Hazard pictogram(s)

None required under U.S. OSHA Hazcom 2012 and Canadian WHMIS 2015 regulations.

Signal Word

Not required

Hazard statement(s)

Not required

Precautionary statement(s)

Not required

Other hazards

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SECTION 4. FIRST-AID MEASURES

Description of first aid measures

Ingestion : 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 victim to fresh air and keep at rest in a position 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 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.

Most important symptoms and effects, both acute and delayed

: Direct skin contact may cause slight or mild, transient irritation. Direct eye 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

: CO2, dry chemical, foam, water spray, water fog.

Unsuitable extinguishing media

: Do not use a solid water stream as it may scatter and spread the fire.

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

: Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Oxidizer, contact with other materials may cause fire.

Flammability classification (OSHA 29 CFR 1910.106)

: Not flammable.

Hazardous combustion products

: Carbon oxides and other irritating fumes and smoke. .

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.

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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. Avoid breathing vapour or mist. Wear protective gloves and eye/face protection. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Keep away from combustible material.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 40°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

Exposure Limits:

Chemical Name	ACGIH TLV		OSHA PEL	
	TWA	STEL	PEL	STEL
Hydrogen peroxide	1 ppm	N/Av	1 ppm ; 1.4 mg/m³	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	5mg/m³	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 : In the event of an accidental discharge of the material which produces a heavy vapor or mist, workers should use respiratory protection.Advice should be sought from respiratory protection specialists.

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.

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

Other protective equipment : 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/Av

Flashpoint (Method) : N/Av

Evaporation rate (BuAe = 1) : N/Av

Flammability (solid, gas) : N/Ap

Lower flammable limit (% by vol.)

: N/Ap

Upper flammable limit (% by vol.)

: N/Ap

Oxidizing properties : Contains oxidizers, which may increase the burning rate of combustible materials with flare-burning effect.

Explosive properties : Not explosive

Vapour pressure : N/Av

Vapour density : N/Av

Relative density / Specific gravity

: 1.01

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.

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SECTION 10. STABILITY AND REACTIVITY

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

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

Possibility of hazardous reactions
: Hazardous polymerization does not occur

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.

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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
: May cause slight irritation. Symptoms may include coughing and sneezing.

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 : Direct eye contact may cause slight or mild, transient irritation.

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 = 15,965 mg/kg

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Chemical name	LC_{50}(4hr) inh, rat	LD_{50} (Oral, rat)	LD_{50} (Rabbit, dermal)
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/m³	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.

Ecotoxicity data:

Ingredients	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	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
1-Octadecanol	112-92-5	96 Hr LC50 Brachydanio rerio: >10000 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	29mg/L (Fathead minnow)	1.36mg/L	None.

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Ingredients	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	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	48 Hr EC50 Daphnia magna: 1666 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	5.55mg/L (Daphnia magna)	3.2 mg/L (Daphnia magna)	None.

Ingredients	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
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
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.

Components	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)
Hydrogen peroxide (CAS 7722-84-1)	1.50	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.

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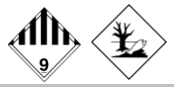
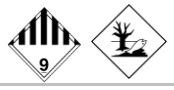
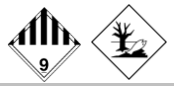
RCRA : It is the responsibility of the waste generator to determine the proper waste identification and disposal method.
For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
TDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hydrogen Peroxide)	9	III	
TDG Additional information	This material may be shipped as an exempted marine pollutant in accordance with TDG Section 1.45.1 and Special Provision 99.				
ICAO/IATA	UN3082	Environmentally hazardous substance, liquid, n.o.s. (Hydrogen Peroxide)	9	III	
ICAO/IATA Additional information	Refer to the appropriate Packing Instruction, prior to shipping this material. Review all State and Operator Variations, prior to shipping this material.				
49CFR/DOT	None.	Not regulated.	not regulated	none	
49CFR/DOT Additional information	None.				
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hydrogen Peroxide)	9	III	
IMDG Additional information	May be shipped as Limited Quantity when transported in containers no larger than 5.0 Litres; in packages not exceeding 30 kg gross mass.				

Special precautions for user : Keep away from flames and hot surfaces. - No smoking.

Environmental hazards : This substance meets the criteria for an environmentally hazardous substance 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:

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Ingredients	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	
					Toxic Chemical	de minimus Concentration
Hydrogen peroxide	7722-84-1	Yes	N/Ap	1000 lb 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:None.

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:

Ingredients	CAS #	California Proposition 65		State "Right to Know" Lists					
		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
10Octadecanol	112-92-5	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:

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Ingredients	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
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

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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).
4. Safety Data Sheets from manufacturer.
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) : 08/15/2019

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

DISCLAIMER

This Safety Data Sheet is based upon our current knowledge and considered to be accurate at the time of its preparation. We are not responsible for any damage or injury resulting from abnormal use, from any failure to follow appropriate practices or instructions

END OF DOCUMENT