

SECTION 1: Identification

<i>GHS Product identifier</i>	NKST Natural Keratin Smoothing Treatment
<i>Other means of identification</i>	None
<i>Recommended use of the product and restrictions on use</i>	Hair Care/Treatment: FOR USE BY CERTIFIED PROFESSIONALS ONLY
<i>Supplier's details</i>	Developed for and Distributed by:
	KERATIN COMPLEX Boca Raton, Florida (U.S.A.), Tel: (561) 206-6050 www.keratincomplex.com
<i>Emergency phone number:</i>	For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure, or Accident call CHEMTREC
	Day or Night Within USA and Canada: 1-800-424-9300

SECTION 2: Hazard Identification

<i>Classification</i>	Not relevant – Non-hazardous
<i>GHS label elements, including precautionary statement(s)</i>	Hazard statement(s)
	Not relevant – Non-hazardous
	Precautionary statement(s)
	Prevention
	Not relevant – Non-hazardous
	Response
	Not relevant – Non-hazardous
	Storage
	See Sections 7 and 10 of this SDS
	Disposal
Dispose of contents/container following all federal, state, and local applicable regulations.	
<i>Other hazards which do result in classification</i>	Not available

SECTION 3: Composition/Information on Ingredients

Hazardous components			
Chemical identity (IUPAC)	Identification number (CAS Number)	Another unique identifier (EC Number)	Concentration range (% ^w / _w)
Not relevant – Non-Hazardous			

Hazardous Components as per OSHA 29 CFR 1910.1200 and their respective Occupation Exposure Limits:	Timonacic (CAS Number 444-27-9) is known to be a potential formaldehyde donor.	The following occupational exposure limits have been established for Formaldehyde:	
	While Formaldehyde (CAS Number 50-00-0) is not an ingredient of this product , Formaldehyde gas can potentially be released when final product is exposed to high temperatures.		
			OSHA (PEL)
			TWA: 0.75 ppm
		STEL: 2 ppm	

Other than above, this product does not contain ingredients that are considered hazardous at concentration levels present as set-forth by OSHA, 29 CFR 1910.1200 and / or WHMIS under HPA.

SECTION 4: First-Aid Measures

<i>Description of necessary first-aid measures</i>	Inhalation:	Should overexposure occur or victim shows signs of immediate distress remove individual to fresh air and keep at rest in a position comfortable for breathing. Under extreme conditions, seek immediate medical attention.
	Skin:	Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, seek medical attention. Do not wear contaminated clothing.
	Eye:	Immediately rinse cautiously with water for several minutes keeping eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical attention.
	Ingestion:	Rinse mouth. Do not induce vomiting. Seek medical attention.
	<i>General advice:</i> If you have significant concerns please consult a physician, show this data sheet to the doctor in attendance.	
<i>Most important symptoms/effects</i>	Not available	
<i>Indication of immediate medical attention and special treatment needed if necessary</i>	Not available	

SECTION 5: Fire-Fighting Measures

<i>Suitable extinguishing media:</i>	Use an extinguishing agent suitable for the surrounding fire.
<i>Specific hazards arising from the product:</i>	May produce toxic fumes of carbon monoxide if burning.
<i>Special protective actions for firefighters:</i>	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Action shall not be take involving any personal risk or without suitable training. Fire-fighters should wear proper protective equipment and self-contained breathing apparatus (SCBA) with full face-piece used in positive pressure mode.



SECTION 6: Accidental Release Measures

<i>Personal precautions, protective equipment and emergency procedures</i>	For non-emergency personnel	Action shall not be take involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on proper personal equipment.
	For emergency responders	If specialized clothing must deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in “For non-emergency personnel”.
<i>Environmental precautions</i>	Not available	
<i>Methods and materials for containment and cleaning up</i>	For small spills <i>e.g.,</i> < 1 gallon (3.8 L)	Removed spilled material with absorbent material and place it into proper closed container(s) for disposal. Dispose following local, state, and federal regulations.
	For large spills <i>e.g.,</i> > 1 gallon (3.8 L)	Provide diking and hold with non-combustible inert material (e.g., sand or earth) to keep material from spreading. Transfer diked material to containers for recovery or disposal and solid diking material to separate containers for proper disposal according to local regulations (see Section 13). Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

SECTION 7: Handling and Storage

FOR USE BY CERTIFIED PROFESSIONALS ONLY	
<i>Precautions for safe handling</i>	Put on proper personal protective equipment (see Section 8). Avoid eating, drinking, and smoking in areas where product is used, stored, and processed. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for more information on hygiene measures.
<i>Conditions for safe storage, including any incompatibilities</i>	Store following local regulations. Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Avoid Freezing.

SECTION 8: Exposure Controls/Personal Protection

<i>Control parameters</i>	Hazardous components	
	<i>Chemical identity (IUPAC)</i>	<i>Occupational exposure limit</i>
	Not relevant – Non-hazardous	
<i>Appropriate engineering controls</i>	It is highly recommended to have good indoor air quality to have a properly ventilated room. That includes filters cleaned and replaced regularly. Ensure that an eyewash station, sink, or washbasin is available in case of exposure to eyes.	
<i>Individual protection measures, such as personal protective equipment (PPE)</i>	Eye/face protection: 	Avoid contact with eyes. Wear safety glasses (optional)
	Skin protection: 	Wear suitable gloves (recommended) and suitable protective clothing (optional).
	Respiratory protection:	Not relevant
	Thermal hazards:	Not relevant

SECTION 9: Physical and Chemical Properties

<i>Physical State</i>	Liquid (Creamy)
<i>Color</i>	Brown
<i>Odor</i>	Match pattern
<i>Melting point/freezing point</i>	Not available
<i>Boiling point</i>	Not available
<i>Flammability</i>	Not relevant – Not flammable
<i>Lower and upper explosion limit/flammability limit</i>	Not relevant
<i>Flash point</i>	Not available
<i>Auto-ignition temperature</i>	Not available
<i>Decomposition temperature</i>	Not available
<i>pH (at 25°C)</i>	3.5 – 5.7
<i>Viscosity (at 25°C)</i>	3,500 – 5,500 cps
<i>Solubility</i>	Soluble in water
<i>Partition coefficient: n-octanol/water (log value)</i>	Not available
<i>Vapor pressure</i>	Not available
<i>Specific Gravity</i>	0.90 – 1.10
<i>Relative vapor density</i>	Not available
<i>Particle characteristics</i>	Not relevant – Liquid

SECTION 10: Stability and Reactivity

<i>Reactivity</i>	Not available.
<i>Chemical stability</i>	Product is stable under normal ambient storage conditions of temperature and pressure.
<i>Possibility of hazardous reactions</i>	Not relevant – product is stable under normal ambient storage conditions of temperature and pressure.
<i>Conditions to avoid</i>	Do not burn or freeze. Avoid excessive heat and direct sunlight.
<i>Incompatible materials</i>	Not available
<i>Hazardous decomposition products</i>	Carbon monoxide, carbon dioxide if burned.

SECTION 11: Toxicological Information

<i>Information on the likely routes of exposure</i>	Skin exposure:	No known significant effects or critical hazards.
<i>Symptoms related to the physical, chemical, and toxicological characteristics</i>		Not available
<i>Delayed and immediate effects and chronic effects from short- and long-term Exposure</i>		Not available
<i>Numerical measures of Toxicity</i>		Not available
<i>Interactive effects</i>		Not available

SECTION 12: Ecological Information

<i>Toxicity</i>	Not available
<i>Persistence and degradability</i>	Not available
<i>Bioaccumulative potential</i>	Not available
<i>Mobility in soil</i>	Not available
<i>Other Adverse Effects</i>	Not available

SECTION 13: Disposal Considerations

<i>Disposal methods</i>	Dispose of this product, solutions and any by-products should always follow the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Care should be taken when handling emptied containers that have not been cleaned or rinse out. Dispose according to Federal, State, and local regulations about health, air, and water pollution.
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SECTION 14: Transport Information

<i>Un Number</i>	Not relevant – Not regulated
<i>UN Proper Shipping Name</i>	Not relevant – Not regulated
<i>Transport hazard class(es)</i>	Not relevant – Not regulated
<i>Packing group</i>	Not relevant – Not regulated
<i>Environmental hazards</i>	Not relevant – Not regulated
<i>Special precautions for user</i>	Do not heat or freeze: (Best-suggested environmental conditions for transport: 25°C ± 2° Celsius and 60% ± Relative Humidity)

SECTION 15: Regulatory Information

<i>Safety, Health and Environmental Regulations specific for the product in question</i>	<p>Regulated as a Cosmetic under FDA (US)</p> <p>UNITED STATES OF AMERICA: <i>Federal</i></p> <p>All of the ingredients in the formulation are compliant with the Federal Food, Drug, and Cosmetics Act (FDA) and this product is safe to be used by professional hairdressers previously trained and certified to use this product.</p> <p><i>California</i></p> <p>This product is not subject to warning labeling under California Proposition 65</p>
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SECTION 16: Other Information

<i>Date of preparation of the SDS</i>	
November 7, 2019	
<i>Key/legend to abbreviations and acronyms used in the SDS.</i>	
ACGIH	<i>American Conference of Governmental Industrial Hygienist</i>
°C	<i>Degrees Celsius</i>
CAS	<i>Chemical Abstract Service</i>
CFR	<i>Code of Federal Regulations</i>
Cps	<i>Centipoises</i>
e.g.	<i>Meaning "for example." It is short for the Latin exempli gratia, "for the sake of example."</i>
FDA	<i>Food and Drug Administration</i>
GHS	<i>Globally Harmonized System</i>
HPB	<i>Health Protection Branch</i>
HSIS	<i>Hazardous Substances Information System</i>
IATA	<i>International Air Traffic Association</i>
IUPAC	<i>International Union of Pure and Applied Chemistry</i>
IMDG	<i>International Maritime Dangerous Goods</i>
mg/m ³	<i>Milligrams per cubic meter</i>
OSHA	<i>Occupation Safety & Health Administration</i>
PEL	<i>Permissible Exposure Limit</i>
PIF	<i>Product Information File</i>
Ppm	<i>Parts Per Million</i>
Ref	<i>Reference</i>
Vol.	<i>Volume</i>
TWA	<i>Time Weighted Average</i>
UN	<i>United Nations</i>


Literature references.

- Globally Harmonized System of Classification and Labeling of Chemicals (GHS), Seventh revised edition, United Nations, New York and Geneva, 2017 ST/SG/AC.10/30/Rev.7







Sources for data

- European Commission Database For Information On Cosmetics Substances And Ingredients (CosIng)
- United States Of America's National Library Of Medicine's Toxicology Data Network (TOXNET)
- International Air Transport Association, Dangerous Goods Regulations (IATA)
- The National Institute for Occupational Safety and Health (NIOSH) – website address: <https://cdc.gov/niosh>
- Haz-Map® Occupational Health Database, U.S. National Library of Medicine. Information on Hazardous Chemicals and Occupational Diseases by Jay A. Brown, M.D., M.P.H. - website address: <https://hazmap.nlm.nih.gov>


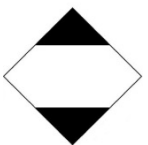

GHS Pictograms

 <p>GHS01 Explosive</p>	 <p>GHS02 Flammable</p>	 <p>GHS03 Oxidizer</p>
 <p>GHS04 Pressurized</p>	 <p>GHS05 Corrosive</p>	 <p>GHS06 Toxic</p>
 <p>GHS07 Harmful/Irritating</p>	 <p>GHS08 Health Hazard</p>	 <p>GHS09 Environment</p>

Precautionary pictograms From European Union
(COUNCIL DIRECTIVE 92/58/EEC of 24 June 1992)

 <p>Eye protection</p>	 <p>Respiratory equipment</p>	 <p>Face protection</p>
 <p>Safety overalls</p>	 <p>Safety boots</p>	 <p>Safety gloves</p>

ADR, Annex A General provisions and provisions concerning dangerous substances and articles;
Classification; Class Specific Provisions

 <p>Class 5.1 HAZARD Oxidizing Substances</p>	 <p>Limited Quantities Except For Air Transport</p>	 <p>Limit Quantities by Air</p>
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Declaration

Keratin Complex believes that the information contained in this SDS is correct as of its last revision date (same as listed above). However, because conditions and usage methods of our products are beyond Keratin Complex control, of or in ways we cannot anticipate, we give no warranty, expressed or implied, as to accuracy of the information and assume no responsibility for any damage to person, property or business arising from such use. Moreover, it is the responsibility of the purchaser or user of this product to ensure that is properly and safely used. This SDS does not replace any other document, such as instructional leaflets or inserts. Under no circumstances does it constitute an exemption from the obligation to know and apply all the regulations governing its activity. This SDS replaces all previous versions of this product's SDS.

End SDS.