

## SECTION 1: IDENTIFICATION

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

## SECTION 2: HAZARD(S) IDENTIFICATION

<b>Classification</b>	Not relevant – Non hazardous
<b>GHS label elements, including Precautionary Statements</b>	<b>HEALTH STATEMENT</b>
	Not relevant – Non hazardous
	<b>PRECAUTIONARY STATEMENTS</b>
	<i>Prevention</i>
	Not relevant – Non hazardous
	<i>Response</i>
	Not relevant – Non hazardous
	<i>Storage</i>
	See Sections 7 and 10 of this SDS
	<i>Disposal</i>
<b>Dispose of contents/container in accordance with all federal, state and local applicable regulations.</b>	
<b>Other hazards which do result in classification</b>	Not available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components Chemical Identity (IUPAC)	Identification Number (CAS Number)	Other Unique Identifier (EC Number)	Concentration Range (% <sup>w</sup> / <sub>w</sub> )
Not applicable			

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 <b>Formaldehyde (CAS Number 50-00-0) is not an ingredient of this product</b> , 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

<b>Description of necessary First-Aid measures</b>	Inhalation:	Remove individual to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if you feel unwell.
	Skin:	Wash the contaminated skin gently and thoroughly with running water and non-abrasive soap.
	Eye contact:	Immediately rinse cautiously with water for several minutes keeping eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if you feel unwell.
	Ingestion:	Immediately call a Poison Center. Rinse mouth. Do not induce vomiting. Seek medical attention immediately.
	<i>General Advice:</i> If you have significant concerns please consult a physician, show this data sheet to the doctor in attendance.	
<b>Most important symptoms/effects</b>	Acute:	Not available
	Delayed:	Not available
<b>Indication of immediate medical attention and special treatment needed if necessary</b>	Notes to physician:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Specific Treatments:	Not available
	Protect of first-aiders:	Use protective equipment (Section 8)

## SECTION 5: FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Use an extinguishing agent suitable for the surrounding fire.	
<b>Unsuitable extinguishing media:</b>	Not available	
<b>Specific hazards arising from the product combustion:</b>	May produce toxic fumes of carbon monoxide if burning.	
<b>Hazardous thermal decomposition products:</b>	Not available	
<b>Special protective precautions and equipment for fire-fighters:</b>	Protective precautions:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	Protective equipment:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	For non-emergency personnel:	No action shall be taken 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 appropriate personal equipment.
	For emergency responders:	If specialized clothing is required to 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".
<b>Environmental Precautions</b>	Not available	
<b>Methods and materials for containment and cleaning up</b>	For Small Spills <i>e.g.,</i> < 1 gallon (3.8L)	Wear appropriate personal protective equipment (e.g., safety glasses, apron, and nitrile gloves). Maximize ventilation (open doors and windows) Removed spilled material with non-combustible absorbent material and place it into appropriate closed container(s) for disposal. Dispose in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.
	For Large Spills <i>e.g.,</i> > 1 gallon (3.8L)	Deny area access to all unprotected individuals. Provide diking and contain 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). Remove contaminated clothing promptly and wash affected skin areas with mild soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

## SECTION 7: HANDLING AND STORAGE

<b>FOR USE BY CERTIFIED PROFESSIONALS ONLY</b>	
<b>Precautions for safe handling</b>	Protective measures: Put on appropriate personal protective equipment (see Section 8).
	Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in accordance with local regulations. Store upright 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

<b>Control Parameters</b>	<i>Chemical Identity (IUPAC)</i>	<i>Occupational Exposure Limit</i>	<i>Source</i>	
		Not relevant – No exposure standard allocated		
<b>Appropriate Engineering Controls</b>	Local exhaust ventilation is strongly recommended.			
<b>Environmental Exposure Controls</b>	Not available			
<b>Individual Protection Measures, such as Personal Protective Equipment (PPE)</b>	Hygiene measures:	When using do not eat, drink or smoke. Avoid contact with eyes, skin and clothing.		
	Eye / face protection:	Wear safety glasses (optional)		
	Skin protection:	Hand protection:	Wear suitable gloves (recommended).	
		Body protection:	Wear suitable protective clothing (optional).	
		Other skin protection:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling the product.	
	Respiratory protection:	Not relevant		
Thermal hazards:	Not relevant			

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Color	Brown
Odor	Match Pattern
Melting point/freezing point	Not available
Boiling point	Not available
Flammability	Not relevant – Not flammable
Lower and upper explosion limit/flammability	Not relevant
Flash point	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH at 25°C	3.5 – 5.7
Viscosity at 25°C	3,500 – 4,500 cps
Solubility	Soluble in water
Partition coefficient: n-octanol/water (log value)	Not available
Vapor pressure	Not available
Relative density	Not available
Relative vapor density	Not available
Particle characteristics	Not relevant – Liquid

## SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not available.
Chemical Stability	Product is stable under normal ambient storage conditions of temperature and pressure.
Possibility of Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to Avoid	Do not burn or freeze. Avoid excessive heat or ignition source and direct sunlight.
Incompatible materials	Not available
Hazardous decomposition products	Carbon Monoxide, Carbon Dioxide if burned.

## SECTION 11: TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure	Skin exposure: No known significant effects or critical hazards.	
Symptoms related to the Physical, Chemical and Toxicological Characteristics	Not available	
Delayed and immediate effects and also chronic effects from Short and Long Term Exposure	Not available	
Numerical measures of Toxicity	Not available	

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Toxicity</b>	Not available
<b>Persistence and Degradability</b>	Not available
<b>Bio accumulative potential</b>	Not available
<b>Mobility in soil</b>	Not available
<b>Other Adverse Effects</b>	Not available

**SECTION 13: DISPOSAL CONSIDERATIONS**

<b>Disposal methods</b>	Dispose of this product, solutions and any by-products should at all times comply with 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 regarding health, air, and water pollution.
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**SECTION 14: TRANSPORT INFORMATION**

<b>Un Number</b>	Not relevant – Not regulated
<b>Un Proper Shipping Name</b>	Not relevant – Not regulated
<b>Transport Hazard Class</b>	Not relevant – Not regulated
<b>Packing Group</b>	Not relevant – Not regulated
<b>Environmental Hazards</b>	Not relevant – Not regulated
<b>Transport In Bulk</b>	Not relevant – Not regulated
<b>Special Precautions</b>	Not relevant – Not regulated

**SECTION 15: REGULATORY INFORMATION**

<b>Safety, Health and Environmental Regulations specific for the product in question</b>	Regulated as a Cosmetic under FDA (US)
	<p>UNITED STATES OF AMERICA:</p> <p><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 hair dressers previously trained and certified to make this treatment.</p> <p><i>California</i></p> <p>This product is not subject to warning labeling under California Proposition 65</p>

**SECTION 16: OTHER INFORMATION**

<b>Date of preparation of the SDS</b>	
April 15, 2019	
<b>Key/legend to abbreviations and acronyms used in the SDS.</b>	
ACGIH	American Conference of Governmental Industrial Hygienist
°C	Degrees Celsius
CAS	Chemical Abstract Service
CFR	Code of Federal Regulations
Cps	Centipoises
e.g.	Meaning “for example.” It is short for the Latin <i>exempli gratia</i> , “for the sake of example.”
FDA	Food and Drug Administration
GHS	Globally Harmonized System
HPB	Health Protection Branch
HSIS	Hazardous Substances Information System
mg/m <sup>3</sup>	Milligrams per cubic meter
OSHA	Occupation Safety & Health Administration
PEL	Permissible Exposure Limit
PIF	Product Information File
Ppm	Parts Per Million
Ref	Reference
Vol.	Volume
TWA	Time Weighted Average
UN	United Nations
<b>Literature references.</b>	
<ul style="list-style-type: none"> <li>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</li> </ul>	
<ul style="list-style-type: none"> <li></li> </ul>	
<b>Sources for data</b>	
<ul style="list-style-type: none"> <li>European Commission Database For Information On Cosmetics Substances And Ingredients (CosIng)</li> <li>United States Of America’s National Library Of Medicine’s Toxicology Data Network (TOXNET)</li> <li>The European Agreement Concerning The International Carriage Of Dangerous Goods By Road, United Nations, New York And Geneva, 2016, ECE/TRANS/257(ADR)</li> <li>Safe Work Australia, Hazardous Substances Information System (HSIS)</li> <li>International Air Transport Association, Dangerous Goods Regulations (IATA)</li> <li>The National Institute for Occupational Safety and Health (NIOSH) – website address: <a href="https://cdc.gov/niosh">https://cdc.gov/niosh</a></li> </ul>	
<ul style="list-style-type: none"> <li>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: <a href="https://hazmap.nlm.nih.gov">https://hazmap.nlm.nih.gov</a></li> </ul>	

**GHS Pictograms**



GHS01  
Explosive



GHS02  
Flammable



GHS03  
Oxidizer



GHS04  
Pressurized



GHS05  
Corrosive



GHS06  
Toxic



GHS07  
Harmful Irritating



GHS08  
Health Hazard



GHS09  
Environment



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



Eye protection



Respiratory equipment



Face protection



Safety overalls



Safety boots

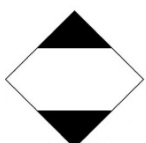


Safety gloves

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



Class 5.1 HAZARD  
Oxidizing Substances



Limited Quantities  
Except For Air Transport



Limit Quantities by Air

**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.**