MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION

Product name : Nairobi Nairo-Gel- All Variants
Sculpting Gel Superior Hold, Defining Gel Strong Hold
Product type : Hair Styling Product
MSDS NUMBER: 9009
CORPORATE ADDRESS: Chapman Products Co., Inc.
22Howard Creek Dr.
Fountain Inn, SC 29644
PHONE #: 800-736-5072 Monday thru Friday (8:30 AM – 6:00 PM EST)
EMERGENCY #: 800-736-5072 (24 Hours)
POISON CONTROL #: 800-949-7866 (24 Hours)
CHEMTREC #: 800-424-9300 (24 Hours, Transportation Emergencies)
All written inquiries should be sent to:
Chapman Products co. Consumer Services, 22 Howard Creek Dr. Fountain Inn, SC 29644 or Fax to: 864-862-6285

SECTION II. HAZARDS IDENTIFICATION

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.
Classification of the substance or mixture: Not classified.
GHS label elements
Signal word : No signal word.
Hazard statements : No known significant effects or critical hazards.
Precautionary statements
General : Keep out of reach of children.
Prevention : Not applicable.
Response : Not applicable.
Storage : Not applicable.
Disposal : Not applicable.
Supplemental label elements : None known.
Hazards not otherwise classified : None known.

SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Mixture
CAS number/other identifiers
Ingredient name % CAS number
Glycerin 5 - 10 56-81-5

Propylene glycol 1 - 5 57-55-6
Any concentration shown as a range is to protect confidentiality or is due to batch variation.
There are no additional ingredients present which, within the current knowledge of the supplier and in
the concentrations applicable, are classified as hazardous to health or the environment and hence require
reporting in this section.
Occupational exposure limits, if available, are listed in Section 8.

SECTION IV. FIRST-AID MEASURES

Description of necessary first aid measures
Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses.
Get medical attention if irritation occurs.
Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed
Potential acute health effects
Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Indication of immediate medical attention and special treatment needed, if necessary
See toxicological information (Section 11)
Over-exposure signs/symptoms
Eye contact : No specific data.
Inhalation : No specific data.
Skin contact : No specific data.
Ingestion : No specific data.
Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

SECTION V. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

NFPA 30B Classification : Not available.

Specific hazards arising from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

Special protective actions for firefighters : 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.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and selfcontained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION VI. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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 spilt material. Put on appropriate personal protective equipment.

For emergency responders : If specialised 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".

Environmental precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if waterinsoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash

spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

SECTION VII. HANDLING AND STORAGE

Precautions for safe handling

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. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Store in accordance with 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. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits

Ingredient name Exposure limits

Glycerin **OSHA PEL 1989 1989-03-01 TWA**

10 mg/m3

Form:Total dust

TWA

5 mg/m3

Form:Respirable fraction

OSHA PEL 1993-06-30 TWA

15 mg/m3

Form:Total dust

TWA

5 mg/m3

Form:Respirable fraction

NIOSH REL 1994-06-01

Form:Mist

ACGIH TLV 1994-09-01 TWA

10 mg/m3

Form:Mist
ACGIH TLV 2013-06-14
Form:Mist
Propylene glycol **AIHA WEEL 1999-01-01 TWA**
10 mg/m3
Form:
Appropriate engineering controls : Good general ventilation should be sufficient to control worker
exposure to airborne contaminants.
Environmental exposure controls : Emissions from ventilation or work process equipment should be
checked to ensure they comply with the requirements of
environmental protection legislation. In some cases, fume scrubbers,
filters or engineering modifications to the process equipment will be
necessary to reduce emissions to acceptable levels.
Individual protection measures
Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical
products, before eating, smoking and using the lavatory and at the
end of the working period. Appropriate techniques should be used to
remove potentially contaminated clothing. Wash contaminated
clothing before reusing. Ensure that eyewash stations and safety
showers are close to the workstation location.
Eye/face protection : Safety eyewear complying with an approved standard should be
used when a risk assessment indicates this is necessary to avoid
exposure to liquid splashes, mists, gases or dusts. If contact is
possible, the following protection should be worn, unless the
assessment indicates a higher degree of protection: safety glasses
with side-shields.
Skin protection
Hand protection : Chemical-resistant, impervious gloves complying with an approved
standard should be worn at all times when handling chemical
products if a risk assessment indicates this is necessary.
Body protection : Personal protective equipment for the body should be selected based
on the task being performed and the risks involved and should be
approved by a specialist before handling this product.
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 this
product.

Respiratory protection : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state : liquid

Colour : colorless

Odour : perfumed

Odour threshold : Not available.

pH : 6.3

Melting point : Not applicable

Boiling point : Not available.

Flash point : Not available.

Evaporation rate : Not available.

Flammability (solid, gas) : Not available.

Lower and upper explosive (flammable) limits: Lower: Not available.

Upper: Not available.

Vapour density : Not available.

Relative density : Not available.

Solubility : Not available.

Solubility in water : Not available.

Partition coefficient: noctanol/water: Not available.

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Viscosity : Dynamic: 24,500 mPa.s

Kinematic: Not available.

SECTION X. STABILITY AND REACTIVITY

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Incompatible materials : No specific data.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous

decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION XI. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Conclusion/Summary : Very low toxicity to humans or animals.

Irritation/Corrosion

Conclusion/Summary

Skin : The mixture is not an irritant for the skin.

Eyes : The mixture is not an irritant for eyes.

Respiratory : Based on available data, the classification criteria are not met.

Sensitisation

Conclusion/Summary

Skin : Based on available data, the classification criteria are not met.

Respiratory : Based on available data, the classification criteria are not met.

Mutagenicity

Conclusion/Summary : Not applicable.

Carcinogenicity

Conclusion/Summary : Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Reproductive toxicity

Conclusion/Summary : Not applicable.

Teratogenicity

Conclusion/Summary : Not applicable.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure

: Not available.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No specific data.

Inhalation : No specific data.

Skin contact : No specific data.

Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Conclusion/Summary : Very low toxicity to humans or animals.

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route ATE value

Oral >5,000 mg/kg

SECTION XII. ECOLOGICAL INFORMATION

Toxicity

Conclusion/Summary : No known significant effects or critical hazards.

Persistence and degradability

Conclusion/Summary : No known significant effects or critical hazards.

Conclusion/Summary : No known significant effects or critical hazards.

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Mobility in soil

Soil/water partition coefficient

(KOC)

: Not available.

Other adverse effects : No known significant effects or critical hazards.

SECTION XIII. DISPOSAL CONSIDERATIONS

Disposal methods : The generation of waste should be avoided or minimised wherever

possible. Disposal 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. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

RCRA classification : No known significant effects or critical hazards.

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

SECTION XIV. TRANSPORT INFORMATION

FOR SHIPMENT IN
CONSUMER
PACKAGING
GROUND WATER AIR

PROPER SHIPPING
NAME: Not regulated Not regulated Not regulated
HAZARD CLASS: Not regulated Not regulated Not regulated
UN/ID #: None None None
PACKING GROUP: None None None
REQUIRED LABELING: None None None
LABEL TYPE: None None None
ADDITIONAL
INFORMATION: Not regulated Not regulated Not regulated

Special precautions for user : Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product have been trained in the event of an accident or spillage.’

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available.

SECTION XV. REGULATORY INFORMATION

U.S. Federal regulations : United States - TSCA 8(d) - Health and safety studies: Not listed

United States - TSCA 8(c) - Significant adverse reaction (SAR):

Not listed
United States - TSCA 8(a) - Preliminary assessment report (PAIR): Not listed
United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined
United States - TSCA 8(a) - Dioxin/Furan precursor: Not listed
United States - TSCA 8(a) - Chemical risk rules: Not listed
United States - TSCA 6 - Proposed risk management: Not listed
United States - TSCA 6 - Final risk management: Not listed
United States - TSCA 5(e) - Substances consent order: Not listed
United States - TSCA 5(a)2 - Proposed significant new use rules: Not listed
United States - TSCA 5(a)2 - Final significant new use rules: Not listed
United States - TSCA 4(f) - Priority risk review: Not listed
United States - TSCA 4(a) - Proposed test rules: Not listed
United States - TSCA 4(a) - ITC Priority list: Not listed
United States - TSCA 4(a) - Final Test Rules: Not listed
United States - TSCA 12(b) - Chemical export notification: None of the components are listed.
United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Not listed
United States - EPA Clean water act (CWA) section 311 - Hazardous substances: Not listed
United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed
United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances: Not listed
United States - Department of commerce - Precursor chemical: Listed Triethanolamine
Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs) : Not listed
Clean Air Act Section 602 Class I Substances : Not listed
Clean Air Act Section 602 Class II Substances

: Not listed
DEA List I Chemicals (Precursor Chemicals)
: Not listed
DEA List II Chemicals (Essential Chemicals)
: Not listed
SARA 302/304
: Not applicable.
SARA 304 RQ : Not applicable.
SARA 311/312
Classification : Not applicable.
SARA 313
None of the components are listed.
State regulations
Massachusetts : The following components are listed:
Glycerin
New York : None of the components are listed.
New Jersey : The following components are listed:
Glycerin
Propylene glycol
Pennsylvania : The following components are listed:
Glycerin
Propylene glycol
US California 22CCR Appendix X Substances
Not listed
California Prop. 65 : Not available.
United States inventory (TSCA 8b)
: Not determined.
Canada inventory : Not determined.
International regulations
International lists : Philippines inventory (PICCS): Not determined.
New Zealand Inventory of Chemicals (NZIoC): Not determined.
Korea inventory: Not determined.
China inventory (IECSC): Not determined.
Japan inventory: Not determined.
Malaysia Inventory (EHS Register): Not determined.
Taiwan inventory (CSNN): Not determined.

Australia inventory (AICS): Not determined.
Chemical Weapons Convention
List Schedule I Chemicals
: Not listed
Chemical Weapons Convention
List Schedule II Chemicals
: Not listed
Chemical Weapons Convention
List Schedule III Chemicals
: Not listed
Section 16. Other information
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reprinted material is not the complete and official position of the National Fire Protection Association, on
the referenced subject which is represented only by the standard in its entirety.
Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is
intended to be interpreted and applied only by properly trained individuals to identify fire, health and
reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with
recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only.
Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals
does so at their own risk.
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Fountain Inn, SC 29644

Key to abbreviations : ATE = Acute Toxicity Estimate
ACGIH = American Conference of Governmental & Industrial Hygienists
AH = Acute Hazard
BCF = Bioconcentration Factor
CAA = Clean Air Act
CARB = California Air Resources Board
CCR = California Code of Regulations
CERCLA = Comprehensive Environmental Response, Compensation & Liability Act
CFR = Code of Federal Regulations
CH = Chronic Hazard
CWA = Clean Water Act
DEA = Drug Enforcement Administration
DOT = Department of Transportation
EC = European Commission
EPCRA = Emergency Planning and Community Right-To-Know Act
EST = Eastern Standard Time
F = Fire
HAPS = Hazardous Air Pollutants
HCS = Hazard Communication Standard
HMIS = Hazardous Materials Information System
HVOC = High Volatile Organic Compound
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for the Research of Cancer
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
ICAO = International Civil Aviation Organization
IMDG = International Maritime Dangerous Goods
IMO = International Maritime Organization
ITC = Interagency Testing Committee (TSCA)
KOC = Organic Carbon/Water Partition Constant
LogPow = logarithm of the octanol/water partition coefficient
LVOC = Low Volatile Organic Compound
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

MPPCF = Million Particles Per Cubic Foot
N/A = Not Applicable
NFPA = National Fire Protection Association
NOEC = No Observable Effect Concentration
NTP = National Toxicology Program
OSHA = Occupation Safety & Health Administration
PEL = Permissible Exposure Limit
RCRA = Resource Conservation & Recovery Act
RQ = Reportable Quantity
RTK = Right-To-Know
SARA = Superfund Amendments & Reauthorization Act
STEL = Short-Term Exposure Limit
TBD = To Be Determined
TCC = Tagliabue Closed Cup
TCLP = Toxicity Characteristic Leaching Procedure
TDG = Transport of Dangerous Goods
TLV = Threshold Limit Value
TSCA = Toxic Substances Control Act
TWA = Time Weighted Average
UN = United Nations
References : Evaluation method used for mixture classification: Calculation method.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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