

# SAFETY DATA SHEET

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NGHS / English



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## 1. IDENTIFICATION

### Product identifier

**Product Name** Kerastase Resistance Bain Force Architecte Shampoo, 8.5 oz

### Other means of identification

**Product Code(s)** 1759053

### Recommended use of the chemical and restrictions on use

**Recommended Use** Shampoo (Liquid)

**Restrictions on use** No information available

### Details of the supplier of the safety data sheet

**Supplier Identification** AMN Distribution

**Address** 45 Elm St  
West Pittston  
pa  
18643  
US

**Telephone** Phone:3233206700

**E-mail** nechemia@amndistribution.com

### Emergency telephone number

**Company Emergency Phone Number** 3233206700

## 2. HAZARDS IDENTIFICATION

### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Reproductive toxicity	Category 1B



Specific target organ toxicity (single exposure)	Category 2
Aspiration toxicity	Category 1

**Appearance** Clear to translucent

**Physical state** Liquid

**Odor** Pleasant

**GHS Label elements, including precautionary statements**

**Danger**

**Hazard statements**

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

May damage fertility or the unborn child

May cause damage to organs

May be fatal if swallowed and enters airways



**Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/protective clothing/eye protection/face protection

Wash face, hands and any exposed skin thoroughly after handling

Contaminated work clothing must not be allowed out of the workplace

Do not breathe dust/fume/gas/mist/vapors/spray

Do not eat, drink or smoke when using this product

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

Specific treatment (see supplemental first aid instructions on this label)

**Eyes**

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

**Skin**

IF ON SKIN: Wash with plenty of water and soap

Take off contaminated clothing and wash it before reuse

If skin irritation or rash occurs: Get medical advice/attention

**Ingestion**

IF SWALLOWED: Immediately call a POISON CENTER or doctor

Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### Other information

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

**Unknown acute toxicity** 6.62 % of the mixture consists of ingredient(s) of unknown toxicity

5.62 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

6.62 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

6.62 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

6.62 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

6.62 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Not applicable.

#### Mixture

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Sodium laureth sulfate	9004-82-4	11	-	-
Glycerin	56-81-5	2.5	-	-
Hexylene glycol	107-41-5	1.2	-	-
Disodium cocoamphodiacetate	68650-39-5	1	-	-
Behentrimonium methosulfate	81646-13-1	0.8	-	-
Salicylic acid	69-72-7	0.6	-	-
Guar gum, 2-hydroxy-3-(trimethylam onio)propyl ether, chloride	65497-29-2	0.5	-	-
Sodium methylparaben	5026-62-0	0.2	-	-
Linalool	78-70-6	0.2	-	-
D-Limonene	5989-27-5	0.2	-	-
Citronellol	106-22-9	0.15	-	-
Butylphenyl methylpropional	80-54-6	0.15	-	-

### 4. FIRST AID MEASURES

#### Description of first aid measures

##### **General advice**

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

##### **Inhalation**

Remove to fresh air. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical advice/attention. Delayed pulmonary edema may occur.

##### **Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. Keep eye wide open while rinsing. Remove contact



lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.

**Skin contact**

May cause an allergic skin reaction. If symptoms persist, call a physician. Wash off immediately with soap and plenty of water for at least 15 minutes.

**Ingestion**

Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Aspiration hazard if swallowed - can enter lungs and cause damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical advice/attention.

**Self-protection of the first aider**

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

**Most important symptoms and effects, both acute and delayed**

**Symptoms**

Itching. Rashes. Hives. Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Burning sensation.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians**

May cause sensitization in susceptible persons. Treat symptomatically. Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media**

Do not scatter spilled material with high pressure water streams.

**Specific hazards arising from the chemical**

Product is or contains a sensitizer. May cause sensitization by skin contact.

**Hazardous Combustion Products**

Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Special protective equipment for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.



**Other Information** Refer to protective measures listed in Sections 7 and 8.

#### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

#### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes.

#### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Store away from other materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

#### **Exposure Limits**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	
Glycerin 56-81-5	TWA: 10 mg/m³ mist	TWA: 15 mg/m³ mist, total particulate TWA: 5 mg/m³ mist, respirable fraction (vacated) TWA: 10 mg/m³ mist, total particulate (vacated) TWA: 5 mg/m³ mist, respirable fraction		
Hexylene glycol 107-41-5	STEL: 50 ppm vapor fraction STEL: 10 mg/m³ inhalable particulate matter, aerosol only TWA: 25 ppm vapor fraction	(vacated) Ceiling: 25 ppm (vacated) Ceiling: 125 mg/m³	Ceiling: 25 ppm Ceiling: 125 mg/m³	
Chemical name	Alberta	British Columbia	Ontario TWAEV	Quebec
Glycerin 56-81-5	TWA: 10 mg/m³	TWA: 10 mg/m³ TWA: 3 mg/m³		TWA: 10 mg/m³
Hexylene glycol 107-41-5	Ceiling: 25 ppm Ceiling: 121 mg/m³	Ceiling: 25 ppm	TWA: 25 ppm STEL: 50 ppm STEL: 10 mg/m³	Ceiling: 25 ppm Ceiling: 121 mg/m³

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

#### Appropriate engineering controls

**Engineering controls**                      Showers  
   Eyewash stations  
   Ventilation systems.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection**                      Wear safety glasses with side shields (or goggles).

**Hand protection**                              Wear suitable gloves. Impervious gloves.

**Skin and body protection**                      Wear suitable protective clothing. Long sleeved clothing.

**Respiratory protection**                      No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations**                      Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

**Physical state**                                      Liquid  
**Appearance**                                      Clear to translucent  
**Odor**    Pleasant  
**Color**    No information available  
**Odor Threshold**                                      Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	5	
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	.98	
Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	n/a	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

#### Other Information

**Explosive properties**                                      No information available  
**Oxidizing properties**                                      No information available  
**Softening Point**    No information available

Molecular Weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

## 10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known based on information supplied.
Incompatible materials	Strong acids. Strong bases. Strong oxidizing agents.
Hazardous Decomposition Products	Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Inhalation	Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). Irritating to eyes.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. Causes skin irritation. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Repeated exposure may cause skin dryness or cracking.
Ingestion	Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Itching. Rashes. Hives. Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Redness. May cause redness and tearing of the eyes.
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### Numerical measures of toxicity

#### Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 13,890.20 mg/kg  
ATEmix (dermal) 1,025,000.00 mg/kg

**Unknown acute toxicity** 6.62 % of the mixture consists of ingredient(s) of unknown toxicity  
5.62 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
6.62 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
6.62 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
6.62 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
6.62 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Product Information			
Component Information			
Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium laureth sulfate	= 1600 mg/kg ( Rat )	-	-
Glycerin	= 12600 mg/kg ( Rat )	> 10 g/kg ( Rabbit )	> 2.75 mg/L ( Rat ) 4 h
Hexylene glycol	= 3700 mg/kg ( Rat )	= 12300 mg/kg ( Rabbit )	> 310 mg/m <sup>3</sup> ( Rat ) 1 h
Salicylic acid	= 891 mg/kg ( Rat )	> 2 g/kg ( Rat )	> 900 mg/m <sup>3</sup> ( Rat ) 1 h
Guar gum, 2-hydroxy-3-(trimethylammonio) propyl ether, chloride	= 12500 mg/kg ( Rat )	-	-
Linalool	= 2790 mg/kg ( Rat )	= 5610 mg/kg ( Rabbit )	-
D-Limonene	= 4400 mg/kg ( Rat ) = 5200 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Citronellol	= 3450 mg/kg ( Rat )	= 2650 mg/kg ( Rabbit )	-
Butylphenyl methylpropional	= 1390 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	> 1802 mg/m <sup>3</sup> ( Rat ) 4 h

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Classification based on data available for ingredients. Irritating to skin.

**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes serious eye irritation.

**Respiratory or skin sensitization** May cause sensitization by skin contact.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
D-Limonene 5989-27-5	-	Group 3	-	X

#### Legend

**IARC (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Reproductive toxicity** Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. May damage fertility or the unborn child.

**STOT - single exposure** Based on the classification criteria of the Globally Harmonized System as adopted in the country or region with which this safety data sheet complies, this product has been determined to cause systemic target organ toxicity from acute exposure. (STOT SE). May cause damage to organs.





**STOT - repeated exposure** No information available.

**Aspiration hazard** May be fatal if swallowed and enters airways.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Hexylene glycol	No data available	96h LC50: 10500 - 11000 mg/L (Pimephales promelas) 96h LC50: = 10000 mg/L (Lepomis macrochirus) 96h LC50: = 10700 mg/L (Pimephales promelas) 96h LC50: = 8690 mg/L (Pimephales promelas)	EC50 = 3038 mg/L 5 min	48h EC50: 2700 - 3700 mg/L (Daphnia magna)
Salicylic acid	No data available	No data available	No data available	48h EC50: = 870 mg/L (Daphnia magna)
Linalool	96h EC50: = 88.3 mg/L (Desmodesmus subspicatus)	96h LC50: = 27.8 mg/L (Oncorhynchus mykiss)	No data available	48h EC50: = 20 mg/L (Daphnia magna)
D-Limonene	No data available	96h LC50: 0.619 - 0.796 mg/L (Pimephales promelas) 96h LC50: = 35 mg/L (Oncorhynchus mykiss)	No data available	No data available
Butylphenyl methylpropional	No data available	96h LC50: 2.2 - 4.6 mg/L (Brachydanio rerio)	No data available	48h EC50: = 10.7 mg/L (Daphnia magna)

**Persistence and Degradability** No information available.

**Bioaccumulation**

### Component Information

Chemical name	Partition coefficient
Glycerin	-1.75
Hexylene glycol	0.14
Salicylic acid	2.25
Sodium methylparaben	-0.63
Linalool	2.9
D-Limonene	4.38
Citronellol	3.41
Butylphenyl methylpropional	4.2

**Mobility** No information available.

**Other adverse effects** No information available.

## 13. DISPOSAL CONSIDERATIONS

Waste treatment methods



**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**California Waste Codes** 561

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical name	California Hazardous Waste
D-Limonene 5989-27-5	Toxic

#### 14. TRANSPORT INFORMATION

**DOT**  
Proper Shipping Name NOT REGULATED  
Hazard Class NON-REGULATED  
N/A

**TDG** Not applicable

**MEX** Not applicable

**ICAO** Not applicable

**IATA**  
Proper Shipping Name Not applicable  
Hazard Class NON REGULATED  
N/A

**IMDG/IMO**  
Hazard Class Not applicable  
N/A

**RID** Not applicable

**ADR** Not applicable

**ADN** Not applicable

#### 15. REGULATORY INFORMATION

##### Safety, health and environmental regulations/legislation specific for the substance or mixture

##### International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

##### International Inventories

TSCA Contact supplier for inventory compliance status.

DSL/NDL Contact supplier for inventory compliance status.



EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

#### US Federal Regulations

##### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

##### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

##### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

##### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### US State Regulations

##### **California Proposition 65**

This product contains the following Proposition 65 chemicals. Ethyl alcohol is only a considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

Chemical name	California Proposition 65
Ethyl alcohol - 64-17-5	Carcinogen Developmental

##### **U.S. State Right-to-Know Regulations**

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Glycerin 56-81-5	X	X	X	X	
Hexylene glycol 107-41-5	X	X	X		
D-Limonene					X



5989-27-5					
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## 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health hazards</b> 2	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Physical and Chemical Properties</b> -
<b>HMIS</b>	<b>Health hazards</b> 2 *	<b>Flammability</b> 1	<b>Physical hazards</b> 0	<b>Personal Protection</b> X
Chronic Hazard Star Legend      * = Chronic Health Hazard				

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**Revision Note** No information available

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**