

Material Safety Data Sheet



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Version 1.02

1. PRODUCT AND COMPANY INFORMATION

Product ID:	92279396_PROF_NA
Product Name	Nioxin 3D Styling Thickening Gel
Product Type	Finished Product - Consumer (Retail) and Professional Use
Recommended Use	Personal Beauty Care Product
Synonyms	No information available
Manufacturer	The Procter & Gamble Company Sharon Woods Innovation Center 11510 Reed Hartman Highway Cincinnati OH 45241
E-mail Address	pgsds.im@pg.com
Emergency Telephone	Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA regulatory status	Consumer Products as defined by the U.S. Consumer Product Safety Act which are used as intended (typical consumer duration and frequency) are exempt from the OSHA Hazard Communication Standard. When used in a professional setting (at a much higher frequency and duration than a typical consumer) this material would NOT be considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
WHMIS	Not subject to WHMIS classification.
Principle routes of exposure	None reasonably foreseeable.
General hazards	This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous ingredients**

Chemical Name	CAS-No	Weight %
2-Amino-2-methylpropanol	124-68-5	1 - 5
2-Propenoic acid, homopolymer	9003-01-4	1 - 5

4. FIRST AID MEASURES

General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If symptoms persist, call a physician.
Skin contact	If skin problems occur, discontinue use. If symptoms persist, call a physician.
Ingestion	Clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.
Inhalation	Move to fresh air.
Protection of first-aiders	Use personal protective equipment.
Most important symptoms/effects, acute and delayed	None known.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash point	Not Applicable
Suitable extinguishing media	Dry chemical, CO ₂ , water spray or alcohol-resistant foam.
Extinguishing media which shall not be used for safety reasons	No information available.
Special hazard	None known based on information supplied.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	None under normal use conditions.
Advice for emergency responders	Use personal protective equipment.
Environmental precautions	Household: Do not discharge product into natural waters without pre-treatment or adequate dilution. Non-household: Should not be released into the environment.
Methods for containment	Non-household: Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods for cleaning up	Non-household: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
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7. HANDLING AND STORAGE

Advice on safe handling	Keep out of the reach of children. Observe label precautions.
Technical measures/Storage conditions	Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines	Exposure guidelines are not relevant when product is used as intended in a household setting.
Engineering Measures	Not applicable.
<u>Personal Protective Equipment</u>	
Eye Protection	No special protective equipment required.
Hand Protection	No special protective equipment required.
Skin and Body Protection	No special protective equipment required.
Respiratory Protection	No special protective equipment required.
Thermal hazards	Not applicable.
Hygiene measures	None under normal use conditions.
Environmental exposure controls	See section 6 for more information.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C Paste/Gel, liquid Paste / Gel
Appearance Clear to opaque gel.
Odor fruity, Fresh

<u>Property</u>	<u>Values</u>	<u>Note</u>
pH value	6	
Melting/freezing point	No information available	
Boiling point/boiling range	No information available	
Flash point	Not Applicable	
Evaporation rate	No information available	
flammability (solid, gas)	No information available	
Flammability Limits in Air		
Upper flammability limit	No information available	
Lower Flammability Limit	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	1.03	
Water solubility	Soluble in water	
Solubility in other solvents	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	.
Decomposition temperature	No information available	.
Viscosity of Product	6000 cps	
Bulk Density	No information available	

Chemical Name	Partition Coefficient (n-octanol/water)
2-Amino-2-methylpropanol	-0.63

VOC Content (%) Products comply with US state and federal regulations for VOC content in consumer products.

Oxidizing properties Not applicable

10. STABILITY AND REACTIVITY

Reactivity None under normal use conditions.

Stability Stable under normal conditions.

Hazardous polymerization Hazardous polymerization does not occur.

Hazardous Reactions None under normal processing.

Conditions to Avoid None under normal processing.

Materials to avoid None in particular.

Hazardous Decomposition Products None under normal use.

11. TOXICOLOGICAL INFORMATION**Product Information**

<u>Acute toxicity</u>	Product does not present an acute toxicity hazard based on known or supplied information.
Inhalation	No known effect based on information supplied.
Skin contact	No known effect based on information supplied.
Ingestion	No known effect based on information supplied.
Eye contact	No known effect based on information supplied.

Chemical Name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
2-Amino-2-methylpropanol	124-68-5	2900 mg/kg bw (Similar to OECD 401; standard acute method; rat)	> 2000 mg/kg bw (Similar to OECD 402; standard acute method; rabbit)	-

Chronic Toxicity

Corrosivity	No known effect.
Sensitization	No known effect.
Neurological Effects	No known effect.
Reproductive toxicity	The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
Germ cell mutagenicity	There are no known mutagenic chemicals in this product.
Developmental toxicity	No known effect.
Teratogenicity	No known effect.
Carcinogenicity	Contains no ingredients above reportable quantities listed as a carcinogen.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	CAS-No	Toxicity to algae	Toxicity to fish	Toxicity to Microorganisms	Toxicity to daphnia and other aquatic invertebrates	Toxicity to other organisms
2-Amino-2-methylpropanol	124-68-5	402 mg/L (Similar to OECD 201; static; Scenedesmus sp.; freshwater; biomass)	190 mg/L (Guideline: Methods of Acute Toxicity Tests with Fish, Macro invertebrates and Amphibians. Stephan, C. E., Chairman. 1975. Committee on Methods for Toxicity Tests with Aquatic Organisms. U.S. EPA, Ecol. Res. Ser. 660/3-75009; Lepomis macrochirus; static; freshwater)	EC50: 342.9 mg/L (OECD 209 and EU Method C.11; static; activated sludge of a predominantly domestic sewage; respiration rate)	LC50: 193 mg/L (Guideline: Methods of Acute Toxicity Tests with Fish, Macro invertebrates, and Amphibians" (USEPA, 1975); Daphnia magna; static; freshwater; mortality)	-

Persistence and degradability

Chemical Name	Ready Test Results	Persistence and degradability
2-Amino-2-methylpropanol	89.3 % (OECD Guideline 301 F, EPA OPPTS 835.3110 and EU Method C.4-D; aerobic; activated sludge, non-adapted; O2 consumption; meets 10-d window criterion)	40% (OECD 301 D; aerobic; activated sludge, domestic, non-adapted; O2 consumption)

Bioaccumulative potential

Chemical Name	Bioconcentration factor (BCF)
2-Amino-2-methylpropanol	320

Mobility

Chemical Name	KOC Values
2-Amino-2-methylpropanol	18 (Calculated value)

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products

Household: Do not discharge product into natural waters without pre-treatment or adequate dilution. **Non-household:** Should not be released into the environment. Dispose of in accordance with local regulations.

Contaminated packaging

Dispose of in accordance with local regulations.

California Hazardous Waste Codes 331
(non-household setting)

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

MEX Not regulated

IATA Not regulated

ICAO Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313

Not applicable for consumer use.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CERCLA

Not applicable for consumer use.

Food and Drug Administration (FDA)

The product described in this Material Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable)

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

Not applicable for consumer use.

Clean Water Act

Not applicable for consumer use.

U.S. State Regulations (RTK)

Not applicable for consumer use.

Chemical Name	New Jersey
2-Amino-2-methylpropanol	X

Chemical Name	Massachusetts
2-Amino-2-methylpropanol	X

Chemical Name	Pennsylvania
2-Amino-2-methylpropanol	X
Benzyl alcohol	X
Dipropylene Glycol	X

California Proposition 65

This product is not subject to warning labeling under California Proposition 65.

International Regulations

Canada

WHMIS Hazard Class

Not subject to WHMIS classification.

WHMIS Statement

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR. This product is regulated by the Food and Drug Administration of Health Canada and is therefore exempt from the requirements of CEPA.

International Inventories**TSCA**

Product is a personal care product and regulated under FDA.

Perfumes contained with the products comply with appropriate IFRA guidance.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

CEPA - Canadian Environmental Protection Act

16. OTHER INFORMATION

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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 MSDS