



Issuing Date 07/08/09

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Next Gel 12.5%

Product Code(s) M257

Distributor
AMRESKO INC.
6681 Cochran Road
SOLON, OHIO 44139

Company Phone Number 1-800-829-2805
Emergency Telephone Number Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

DANGER!

Emergency Overview

Very toxic by inhalation, in contact with skin and if swallowed
Contains a known or suspected carcinogen
Suspected teratogen

Appearance Clear, colorless solution **Physical State** Liquid **Odor** No information available

Potential Health Effects

Acute Toxicity

Eyes Irritating to eyes.
Skin Irritating to skin. Very toxic in contact with skin.
Inhalation Very toxic by inhalation. Irritating to respiratory system.
Ingestion Very toxic if swallowed. Causes irritation by ingestion.

Chronic Effects Suspected carcinogen. Suspected Teratogen

Aggravated Medical Conditions None known.

Environmental Hazard See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Acrylamide	79-06-1	25-35

4. FIRST AID MEASURES

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact	Wash skin with soap and water.
Inhalation	Move to fresh air. If breathing becomes difficult, give oxygen.
Ingestion	Clean mouth with water and afterwards drink plenty of water.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable.			
Flash Point	Not determined			
Suitable Extinguishing Media	Dry chemical, CO2, water spray or regular foam.			
Hazardous Combustion Products	Carbon oxides			
Explosion Data				
Sensitivity to Mechanical Impact	Not sensitive.			
Sensitivity to Static Discharge	Not sensitive.			
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.			
NFPA	Health Hazard -	Flammability -	Stability -	Physical and Chemical Hazards -

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin, eyes and clothing. Use personal protective equipment. Ensure adequate ventilation
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acrylamide 79-06-1	TWA: 0.03 mg/m ³	TWA: 0.3 mg/m ³ (vacated) TWA: 0.03 mg/m ³ Skin	IDLH: 60 mg/m ³ TWA: 0.03 mg/m ³

Engineering Measures	Showers Eyewash stations Ventilation systems.
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Personal Protective Equipment

Eye/Face Protection	Avoid contact with eyes. If splashes are likely to occur, wear: Goggles. Face-shield.
Skin and Body Protection	Wear protective gloves/clothing.
Respiratory Protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, colorless solution	Odor	No information available
Physical State	Liquid		
Flash Point	No information available	Autoignition Temperature	No information available
Boiling Point/Range	No information available	Flammability Limits in Air	No information available
Explosion Limits	No information available		
Solubility	No information available	Evaporation Rate	No information available
Vapor Density	No information available.		

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Incompatible Products	Acids. Oxidizing agents. Iron. Copper. Iron Salts. Brass. Free radical initiators.
Conditions to Avoid	Heating over 90 C. Exposure to light.
Hazardous Decomposition Products	Carbon oxides.
Hazardous Polymerization	Polymerization can occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information Very toxic by inhalation, in contact with skin, or if swallowed. Causes skin, eye and respiratory tract irritation.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Acrylamide	124 mg/kg (Rat)	1680 µL/kg (Rabbit) 400 mg/kg (Rat)	

Chronic Toxicity

Chronic Toxicity Suspected carcinogen. Suspected Teratogen

Chemical Name	ACGIH	IARC	NTP	OSHA
Acrylamide	A3	Group 2A	Reasonably Anticipated	X

Target Organ Effects Kidney, Nerves

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic organisms.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Acrylamide		LC50= 109 mg/L Pimephales promelas 96 h LC50= 120 mg/L Brachydanio rerio 96 h LC50= 124 mg/L Pimephales promelas 96 h LC50= 162 mg/L Oncorhynchus mykiss 96 h LC50= 85 mg/L Lepomis macrochirus 96 h		EC50 = 98 mg/L 48 h

Chemical Name	Log Pow
Acrylamide	= -1.24

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of material in accordance with all federal, state, and local regulations.

Contaminated Packaging Dispose of in accordance with all federal, state and local regulations.

Chemical Name
Acrylamide - 79-06-1

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Acrylamide - 79-06-1				

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Acrylamide	79-06-1	25-35	0.1

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

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).

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

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Acrylamide	79-06-1	25-35	Present	Group I		

CERCLA

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Acrylamide	5000 lb	5000 lb

U.S. State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	California Prop. 65
Acrylamide	79-06-1	Carcinogen

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Acrylamide	X	X	X	X	X

International Regulations**Mexico - Grade**

No information available.

Chemical Name	Carcinogen Status	Exposure Limits
Acrylamide	A3	Mexico: TWA= 0.03 mg/m ³ Mexico: STEL= 0.06 mg/m ³

Canada

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.

WHMIS Hazard Class

Not determined

Chemical Name	NPRI
Acrylamide	X

16. OTHER INFORMATION**Issuing Date** 07/08/09**Revision Date****Revision Note** No information available.**Disclaimer**

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of MSDS