



# NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Issue date: 11/22/2016 Revision date: 11/21/2023 Supersedes: 11/22/2016 Version: 2.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL  
Product code : NLM-814-S

#### 1.2. Recommended use and restrictions on use

No additional information available

#### 1.3. Supplier

Cambridge Isotope Laboratories, Inc.  
50 Frontage Rd  
01810  
ANDOVER, MA, 01810  
USA  
T 1-800-322-1174  
[cilsales@isotope.com](mailto:cilsales@isotope.com) - [www.isotope.com](http://www.isotope.com)

#### 1.4. Emergency telephone number

Emergency number : 1-703-741-5970  
Chemtrec 1-800-424-9300 24 hours

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture



##### GHS US classification

Flammable liquids Category 2	H225	Highly flammable liquid and vapor
Skin corrosion/irritation Category 2	H315	Causes skin irritation
Serious eye damage/eye irritation Category 2A	H319	Causes serious eye irritation
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	H335	May cause respiratory irritation

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

Hazard pictograms (GHS US) :  

Signal word (GHS US) : Danger

Hazard statements (GHS US) : H225 - Highly flammable liquid and vapor  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H335 - May cause respiratory irritation

Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. heat, hot surfaces, open flames, sparks  
P233 - Keep container tightly closed.

# NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

P240 - Ground/Bond container and receiving equipment.  
P241 - Use explosion-proof electrical, lighting, ventilating equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P261 - Avoid breathing dust, fume, gas, mist, spray, vapors.  
P264 - Wash Both hands thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective clothing, protective gloves.  
P302+P352 - If on skin: Wash with plenty of water.  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 - Call a poison center or doctor if you feel unwell.  
P321 - Specific treatment (see Hazard pictograms (CLP) on this label).  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P362 - Take off contaminated clothing and wash before reuse.  
P370+P378 - In case of fire: Use Carbon dioxide, Dry chemical, Alcohol resistant foam, Water spray to extinguish.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container to Comply with applicable regulations.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS US classification
ETHANOL UNLABELED	CAS-No.: 64-17-5	99.87	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
NITROGLYCERIN (15N3, 98%+)	CAS-No.: 55-63-0	0.13	Unst. Expl., H200 Acute Tox. 1 (Oral), H300 Acute Tox. 1 (Dermal), H310 Acute Tox. 1 (Inhalation), H330 Acute Tox. 2 (Inhalation:dust,mist), H330 STOT RE 2, H373 Aquatic Chronic 2, H411

Full text of hazard classes and H-statements : see section 16

# NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Move out of dangerous area. Consult a physician and show this safety data sheet. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact	: Wash with soap and plenty of water. Consult a physician. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Gently wash with plenty of soap and water. Get medical advice/attention. Specific treatment (see Hazard pictograms (CLP) on this label).
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Flush eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Get medical advice/attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### 4.2. Most important symptoms and effects (acute and delayed)

Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed.

#### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: For small fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water. Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

#### 5.2. Specific hazards arising from the chemical

Fire hazard	: Highly flammable liquid and vapor.
Explosion hazard	: May form flammable/explosive vapor-air mixture.

#### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Use water spray to cool unopened containers. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

# NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.
- 6.1.1. For non-emergency personnel**
- Emergency procedures : Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Evacuate unnecessary personnel.
- 6.1.2. For emergency responders**
- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

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

- For containment : Contain spillage, then collect with non-combustible absorbent material. Disposal should be in accordance with applicable Federal, State and local regulations. For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.
- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Additional hazards when processed : Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. Handle empty containers with care because residual vapors are flammable.
- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Avoid breathing dust, mist or spray.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Wash Both hands thoroughly after handling.

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

- Technical measures : Keep only in the original container in a cool, well ventilated place away from: Heat sources. Keep container tightly closed. Keep in fireproof place.
- Storage conditions : Store refrigerated (-5 °C to 5 °C). Protect from light.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

# NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA [ppm]	1000 ppm Upper Respiratory Tract irritation. Confirmed animal carcinogen.
<b>USA - OSHA - Occupational Exposure Limits</b>	
OSHA PEL TWA [1]	1900 mg/m <sup>3</sup>
<b>ETHANOL UNLABELED (64-17-5)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA [ppm]	1000 ppm
ACGIH OEL STEL [ppm]	1000 ppm
Remark (ACGIH)	Upper Respiratory Tract irritation. Confirmed animal carcinogen with unknown relevance to humans.
<b>USA - OSHA - Occupational Exposure Limits</b>	
OSHA PEL TWA [1]	1900 mg/m <sup>3</sup>
OSHA PEL TWA [2]	1000 ppm
Remark (OSHA)	Upper Respiratory Tract irritation. Confirmed animal carcinogen with unknown relevance to humans. The value in mg/m <sup>3</sup> is approximate.
<b>USA - NIOSH - Occupational Exposure Limits</b>	
NIOSH REL TWA	1900 mg/m <sup>3</sup>
NIOSH REL TWA [ppm]	1000 ppm
Remark (NIOSH)	Upper Respiratory Tract irritation. Confirmed animal carcinogen with unknown relevance to humans.
<b>NITROGLYCERIN (15N3, 98%+) (55-63-0)</b>	
No additional information available	

#### 8.2. Appropriate engineering controls

No additional information available

#### 8.3. Individual protection measures/Personal protective equipment

##### Personal protective equipment:

Gloves. Protective clothing. Protective goggles. Self-contained breathing apparatus. Avoid all unnecessary exposure.

##### Hand protection:

Wear suitable protective clothing and gloves. Wear protective gloves.

##### Eye protection:

Wear safety glasses with side shields (or goggles) and a face shield. Chemical goggles or safety glasses

##### Skin and body protection:

Choose body protection according to the amount and concentration of the dangerous substance at the work place. Handle with gloves. Wear suitable protective clothing

# NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Respiratory protection:

When appropriate, use NIOSH/CEN approved respirator. Wear appropriate mask

### Personal protective equipment symbol(s):



### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid. clear.
Color	: Colorless
Odor	: No data available
Odor threshold	: No data available
pH	: No data available
Melting point	: -114 °C (-173 °F)
Freezing point	: No data available
Boiling point	: 78 °C (172 °F)
Flash point	: 14 °C (57.2 °F) - closed cup
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Highly flammable liquid and vapor.
Vapor pressure	: 59.5 hPa (44.6 mmHg) at 20 °C (68 °F)
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 0.789 g/ml at 25 °C (77 °F)
Molecular mass	: 46.07 g/mol
Solubility	: Water: %
Partition coefficient n-octanol/water (Log Pow)	: -0.349 at 24 °C (75 °F)
Auto-ignition temperature	: 363 °C (685.4 °F)
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: 3.3 – 19 %
Explosive properties	: No data available
Oxidizing properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Vapors may form explosive mixture with air.

### 10.2. Chemical stability

Stable if stored under recommended conditions.

# NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Keep away from heat, sparks and flame. Direct sunlight. Extremely high or low temperatures. Open flame.

### 10.5. Incompatible materials

Alkali metals, Ammonia, Oxidizing agents, Peroxides. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - None known. fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

LD50 oral rat	7060 mg/kg
LC50 Inhalation - Rat [ppm]	20000 ppm 10 h
ATE US (oral)	7060 mg/kg body weight

#### ETHANOL UNLABELED (64-17-5)

LD50 oral rat	10470 mg/kg
LD50 dermal rat	15800 mg/kg
LC50 Inhalation - Rat	30000 mg/l
ATE US (oral)	10470 mg/kg body weight
ATE US (dermal)	15800 mg/kg body weight
ATE US (vapors)	30000 mg/l/4h
ATE US (dust, mist)	30000 mg/l/4h

#### NITROGLYCERIN (15N3, 98%+) (55-63-0)

ATE US (oral)	0.5 mg/kg body weight
ATE US (dermal)	5 mg/kg body weight
ATE US (gases)	10 ppmV/4h
ATE US (vapors)	0.05 mg/l/4h
ATE US (dust, mist)	0.005 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.  
Serious eye damage/irritation : Causes serious eye irritation.  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

# NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### ETHANOL UNLABELED (64-17-5)

IARC group	1 - Carcinogenic to humans
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Reproductive toxicity : Not classified  
STOT-single exposure : May cause respiratory irritation.

### ETHANOL UNLABELED (64-17-5)

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure : Not classified

### NITROGLYCERIN (15N3, 98%+) (55-63-0)

STOT-repeated exposure	May cause damage to organs (eyes, Skin) through prolonged or repeated exposure (Dermal, Inhalation, oral).
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Aspiration hazard : Not classified  
Viscosity, kinematic : No data available  
Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.  
Symptoms/effects after inhalation : May cause respiratory irritation.  
Symptoms/effects after skin contact : Causes skin irritation.  
Symptoms/effects after eye contact : Causes serious eye irritation.  
Symptoms/effects after ingestion : May be harmful if swallowed.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - water : Toxic to aquatic life.

### NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

LC50 - Fish [1]	13000 mg/l Oncorhynchus mykiss (rainbow trout) - 96 h
EC50 - Crustacea [1]	9.3 mg/l Daphnia magna (Water flea) - 48 h

### ETHANOL UNLABELED (64-17-5)

LC50 - Fish [1]	14200 mg/l Pimephales promelas (fathead minnow) - 96 h
EC50 - Crustacea [1]	5012 mg/l Ceriodaphnia dubia (Water flea) - 48 h
EC50 - Other aquatic organisms [1]	275 mg/l Chlorella vulgaris (Fresh water algae) - 72 h (OECD method 201)
NOEC (acute)	9.6 mg/l Daphnia magna (Water flea) - 9 d

### 12.2. Persistence and degradability

### ETHANOL UNLABELED (64-17-5)

Persistence and degradability	Readily biodegradable.
BOD (% of ThOD)	95 % ThOD

### 12.3. Bioaccumulative potential

### NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

Partition coefficient n-octanol/water (Log Pow)	-0.349 at 24 °C (75 °F)
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### ETHANOL UNLABELED (64-17-5)

Partition coefficient n-octanol/water (Log Pow)	-0.349 at 24 °C (75 °F)
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# NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### ETHANOL UNLABELED (64-17-5)

Bioaccumulative potential	Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.
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### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other adverse effects	: Disposal must be done according to official regulations.
Other information	: Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Regional legislation (waste)	: Waste materials should be disposed of under conditions which meet Federal, State, and local environmental control regulations.
Product/Packaging disposal recommendations	: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
Additional information	: Handle empty containers with care because residual vapors are flammable.
Ecology - waste materials	: Dispose of as unused product.

## SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

### 14.1. UN number

DOT NA No	: UN1170
UN-No. (TDG)	: 1170
UN-No. (IMDG)	: 1170
UN-No. (IATA)	: 1170

### 14.2. UN proper shipping name

Proper Shipping Name (DOT)	: Ethanol
Proper Shipping Name (TDG)	: ETHANOL
Proper Shipping Name (IMDG)	: ETHANOL (ETHYL ALCOHOL)
Proper Shipping Name (IATA)	: Ethanol

### 14.3. Transport hazard class(es)

#### DOT

Transport hazard class(es) (DOT)	: 3
Hazard labels (DOT)	: 3



#### TDG

Transport hazard class(es) (TDG)	: 3
Hazard labels (TDG)	: 3

# NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations



### IMDG

Transport hazard class(es) (IMDG) : 3  
Hazard labels (IMDG) : 3



### IATA

Transport hazard class(es) (IATA) : 3  
Hazard labels (IATA) : 3



## 14.4. Packing group

Packing group (DOT) : II  
Packing group (TDG) : Not applicable  
Packing group (IMDG) : II  
Packing group (IATA) : II

## 14.5. Environmental hazards

Other information : No supplementary information available.

## 14.6. Special precautions for user

**DOT**  
UN-No.(DOT) : UN1170  
DOT Special Provisions (49 CFR 172.102) : 24 - Alcoholic beverages containing more than 70 percent alcohol by volume must be transported as materials in Packing Group II. Alcoholic beverages containing more than 24 percent but not more than 70 percent alcohol by volume must be transported as materials in Packing Group III.  
IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.  
T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)  
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling =  $97 / 1 + a (tr - tf)$  Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

DOT Packaging Exceptions (49 CFR 173.xxx) : 4b;150  
DOT Packaging Non Bulk (49 CFR 173.xxx) : 202  
DOT Packaging Bulk (49 CFR 173.xxx) : 242  
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 5 L  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 60 L  
DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

# NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### TDG

UN-No. (TDG) : 1170

### IMDG

Special provision (IMDG) : 144  
Limited quantities (IMDG) : 1 L  
Excepted quantities (IMDG) : E2  
Packing instructions (IMDG) : P001  
IBC packing instructions (IMDG) : IBC02  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP1  
EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS  
EmS-No. (Spillage) : S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS  
Stowage category (IMDG) : A  
Flash point (IMDG) : '  
Properties and observations (IMDG) : Colourless, volatile liquids.Pure ETHANOL: flashpoint 13°C c.c. Explosive limits: 3.3% to 19% Miscible with water.  
MFAG-No : 127

### IATA

PCA Excepted quantities (IATA) : E2  
PCA Limited quantities (IATA) : Y341  
PCA limited quantity max net quantity (IATA) : 1L  
PCA packing instructions (IATA) : 353  
PCA max net quantity (IATA) : 5L  
CAO packing instructions (IATA) : 364  
CAO max net quantity (IATA) : 60L  
Special provision (IATA) : A3, A58, A180  
ERG code (IATA) : 3L

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

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
ETHANOL UNLABELED	64-17-5	Present	Active	
NITROGLYCERIN (15N3, 98%+)	55-63-0	Present	Active	

#### ETHANOL UNLABELED (64-17-5)

SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302
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# NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

ETHANOL UNLABELED (64-17-5)	
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard

NITROGLYCERIN (15N3, 98%+) (55-63-0)	
Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	10 lb

### 15.2. International regulations

#### CANADA

NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL	
Listed on the Canadian DSL (Domestic Substances List)	

ETHANOL UNLABELED (64-17-5)	
Listed on the Canadian DSL (Domestic Substances List)	

NITROGLYCERIN (15N3, 98%+) (55-63-0)	
Listed on the Canadian DSL (Domestic Substances List)	

#### EU-Regulations

No additional information available

#### National regulations

NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL	
Listed on IARC (International Agency for Research on Cancer)	
Listed on INSQ (Mexican National Inventory of Chemical Substances)	

ETHANOL UNLABELED (64-17-5)	
Listed on IARC (International Agency for Research on Cancer)	
Listed on INSQ (Mexican National Inventory of Chemical Substances)	

NITROGLYCERIN (15N3, 98%+) (55-63-0)	
Listed on INSQ (Mexican National Inventory of Chemical Substances)	

### 15.3. US State regulations

NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL	
State or local regulations	U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List

Component	State or local regulations
ETHANOL UNLABELED(64-17-5)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List

# NITROGLYCERIN (15N3, 98%+) ~1000 UG/ML IN ETHANOL

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Component	State or local regulations
NITROGLYCERIN (15N3, 98%+)(55-63-0)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List

### SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date

: 11/21/2023

Other information

: This product is not radioactive. The data given for this product are those of the corresponding unlabeled compound, unless specifically indicated otherwise. Health and safety data for labeled compounds are generally not available, but are assumed to be similar or identical to the corresponding unlabeled compound.

Full text of H-phrases	
H200	Unstable explosive
H225	Highly flammable liquid and vapor
H300	Fatal if swallowed
H310	Fatal in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H330	Fatal if inhaled
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.