

## SECTION 1: Product and Company Identification

### Identification of the substance or mixture

**Catalog #:** 10443, 10443-1  
**Product Name:** NP-40, 10% Aqueous Solution

### Company Identification

Cepharm Life Sciences Inc.  
 11830 W Market Place, Suite K  
 Fulton, MD 20759  
 USA  
 Toll Free: 1-800-257-1565  
 Phone: 410-636-4954

**24-hour Emergency Response for Hazardous Materials [or Dangerous Goods] Incident, Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Toll Free: 1-800-424-9300/ +1 703-527-3887 CCN 1010970**

For Research Use Only. Not for use in diagnostic procedures.

## SECTION 2: Hazards identification

### Classification of the substance or mixture

#### Health hazards

Skin corrosion/irritation Category 2  
 Serious eye damage/eye irritation Category 2

#### Physical hazards

Not classified

### GHS Label elements, including precautionary statements

**Pictogram**  
**Signal word**



WARNING

#### Hazard statement(s)

H315 Causes skin irritation  
 H319 Causes serious eye irritation

#### Precautionary statement(s)

P302 + P352 IF ON SKIN: Wash with plenty of soap and water  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P332 + P313 If skin irritation occurs: Get medical advice/attention  
 P337 + P313 If eye irritation persists: Get medical advice/attention  
 P280 Wear protective gloves/protective clothing/eye protection/face protection  
 P264 Wash hands thoroughly after handling

### Principle Routes of Exposure

#### Potential Health Effects

<b>eyes</b>	Irritating to eyes.
<b>Skin</b>	Irritating to skin.
<b>inhalation</b>	May cause irritation of respiratory tract.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Injection</b>	May be harmful if injected.

### Specific effects

<b>Carcinogenic</b>	effects None.
<b>Mutagenic</b>	effects None.
<b>Reproductive</b>	toxicity None.
<b>Sensitization</b>	None.
<b>Target Organ Effects</b>	None under normal use conditions.

### HMIS

Health	2
Flammability	0
Reactivity	0

## SECTION 3: Composition / Information on Ingredients

Component	CAS-No	EINECS-No	Weight %
Nonidet P40 Ethylphenolpoly(ethyleneglycoether) 9016-45-9 ( 10-20 )	9016-45-9	500-024-6	10-20

We recommend handling all chemicals with caution.

## SECTION 4: First Aid Measures

### **Skin contact**

Wash off immediately with plenty of water for at least 15 minutes. Take off all contaminated clothing and wash it before reuse. Immediate medical attention is required.

### **Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.

### **Ingestion**

Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice.

### **Inhalation**

Remove to fresh air. If not breathing, give artificial respiration. Call a physician or poison control center immediately.

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

H315 - Causes skin irritation, H319 - Causes serious eye irritation

### **Notes to Physician**

Treat symptomatically.

## SECTION 5: Firefighting Measures

### **Suitable extinguishing media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

### **Special protective equipment for firefighters**

Wear self-contained breathing apparatus and protective suit.

### **Specific hazards arising from the chemical**

Not known

## SECTION 6: Accidental Release Measures

### **Personal precautions**

Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Use personal protection equipment.

### **Methods for cleaning up**

Soak up with inert absorbent material.

### **Environmental precautions**

No special environmental precautions required.  
See Section 12 for more information.

## SECTION 7: Handling & Storage

### **Handling**

Always wear recommended Personal Protective Equipment. No special handling advices are necessary.

### **Storage**

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers

## SECTION 8: Exposure Controls / Personal Protection

### Exposure Limits

Chemical Name	OSHA PEL	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Nonidet P40 Ethylphenolpoly(ethyleneglycolether)	None	None	None	None

<b>Engineering measures</b>	Ensure adequate ventilation, especially in confined areas.
<b>Personal Protective Equipment</b>	Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Hand protection</b>	Impervious gloves.
<b>Eye protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin and Body Protection</b>	Lightweight protective clothing. Hygiene measures Handle in accordance with good industrial hygiene and safety practice.
<b>Environmental exposure controls</b>	No special environmental precautions required.

## SECTION 9: Physical and Chemical Properties

### Information on basic physical and chemical properties

a) Appearance	Form: liquid
b) Odour	Mixture has not been tested
c) Odour Threshold	Mixture has not been tested
d) pH	no data available
e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	no data available
o) Partition coefficient: noctanol/water	no data available
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	Mixture has not been tested
s) Explosive properties	no data available
t) Oxidizing properties	no data available

## SECTION 10: Stability & Reactivity

<b>Stability</b>	Stable under normal conditions.
<b>Materials to avoid</b>	No information available.
<b>Possibility of hazardous reactions</b>	Hazardous reaction has not been reported
<b>Hazardous decomposition products</b>	No information available.
<b>Polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	None under normal processing.

## SECTION 11: Toxicological Information

### Acute toxicity

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
Nonidet P40 Ethylphenolpoly(ethyleneglycolether)	= 2590 mg/kg (Rat) = 1310 mg/kg (Rat)	No data available	No data available

**Principle Routes of Exposure****Potential Health Effects**

<b>Eyes</b>	Irritating to eyes.
<b>Skin</b>	Irritating to skin.
<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Injection</b>	May be harmful if injected.
<b>Carcinogenic effects</b>	None.
<b>Mutagenic effects</b>	None.
<b>Reproductive toxicity</b>	None.
<b>Sensitization</b>	None.
<b>Target Organ Effects</b>	None under normal use conditions

**SECTION 12: Ecological Information**

<b>Ecotoxicity</b>	Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.
<b>Mobility</b>	No information available.
<b>Biodegradation</b>	No information available.
<b>Bioaccumulation</b>	No information available.

**SECTION 13: Disposal Considerations**

Dispose of contents/containers in accordance with local regulations

**SECTION 14: Transport Information**

<b>IATA</b>	
<b>Proper Shipping Name</b>	No dangerous good in sense of these transport regulations
<b>Hazard Class</b>	None
<b>Subsidiary class</b>	None
<b>Packing group</b>	None
<b>UN-No</b>	None
<b>Environmental hazards</b>	None

**SECTION 15: Regulatory Information**

Component	US TSCA
Nonidet P40 Ethylphenolpoly(ethyleneglycolether) 9016-45-9 ( 10-20 )	Listed

**US Federal Regulations****SARA 313**

This product is not regulated by SARA.

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

This product does not contain HAPs.

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**WHMIS Hazard Class**

D2B - Toxic materials

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.

**SECTION 16: Other Information****Disclaimer:**

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 does not represent any guarantee of the properties of the product. Cepham Life Sciences Incorporated and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.