

# MATERIAL SAFETY DATA SHEET

## NOCOLYSE

### 1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product:** Nocolyse

**General Use:** Disinfectant

**Manufacturer Name:** AMG Medical Inc.

**Emergency Telephone Number:**

Local poison control center

**Address:** 8505 Dalton  
Montreal, Quebec H4T 1V5

**Telephone No. for Information:**  
800-361-2210 (Normal bus. hours)

**Date Issued:** July 19, 2011

**Date Revised:** April 26, 2016

**CHEMTREC CHEMICAL TRANSPORTATION  
EMERGENCY TELEPHONE NO. 800-424-9300  
D.C.: 202-483-7616**

**POISON CONTROL CENTER  
TELEPHONE NO. 800-268-9017  
T.O.: 416-598-5900**

### 2.0 COMPOSITION / INFORMATION ON INGREDIENTS

Hydrogen peroxide  $\leq$  6%  
Silver nitrate 40 ppm  
Distilled water

Solution ready to use  
CAS number: 7722-84-1

### 3.0 HEALTH HAZARDS IDENTIFICATION

Not Flammable. Liquid is completely soluble in water.  
Heat or contaminants may induce an increase of pressure with a risk of container ruption.

### 4.0 FIRST AID MEASURES

**Skin contact:**

Wash thoroughly with water in case of contact

**Eyes:**

Immediately rinse eyes with a large volume of water in case of contact and call the nearest specialist

**Ingestion:**

Rinse mouth with a large amount of water and drink water. Consult a physician.

**Inhalation:**

No risk of inhalation at room temperature

## 5.0 FIRE FIGHTING MEASURES

**Fire Hazards:** Nonflammable product

**Extinguishing Media:** Non applicable

## 6.0 ACCIDENTAL RELEASE MEASURES

Personal precautions: Protect the eyes from contact.

Spill response/Cleanup: Rinse with water. Not harmful for the environment.

## 7.0 HANDLING AND STORAGE

**Handling:** The wear of gloves and protective goggles is recommended. The product once out of its original packaging must not go back in to avoid any contamination.

**Storage:** The storage must be done in the original packaging only, vertically and at a temperature > 0° and < 40°C

## 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

Do not store near a heat source or under permanent sun light.

Individual protective equipment: Appropriate safety goggle and gloves.

Chemical Name	ACGIH	OSHA
Silver Nitrate	0.01 mg/m <sup>3</sup> (TWA)	0.01 mg/m <sup>3</sup> (TWA)
Hydrogen Peroxide	1 ppm (TWA)	1 ppm (PEL) 1.4 mg/m <sup>3</sup> (PEL)

## 9.0 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** liquid  
**Color:** clear  
**Odor:** none  
**Boiling point:** app. 100° C  
**Flash point:** non applicable  
**pH:** Between 4.5 and 5.5  
**Density:** 100° C 1g/cm<sup>3</sup> to 1.020 g/cm<sup>3</sup>

## 10.0 STABILITY AND REACTIVITY

**Stability in the original packaging:** 2 years from date of manufacture  
**Reactivity:** none  
**Materials to avoid:** none  
**Hazardous decomposition product:** formation of oxygen  
**Sun light and other heat sources:** possible slight degassing when permanently exposed

## 11.0 TOXICOLOGICAL INFORMATION

### Possible pathologic effects:

**Eyes:** direct contact may cause damage to the cornea  
**Skin:** slight irritation  
**Respiratory tract sensitization:** none  
**Blood cells:** none  
**Accidental ingestion:** risk of mucosal bleeding and in extreme cases, swelling of the stomach  
release of oxygen

**Inhalation:** No risk of inhalation at room temperature

## 12.0 ECOLOGICAL INFORMATION

**Environmental effects:** There is an immediate reduction or decomposition into water and oxygen  
**Ecotoxicity:** none  
**Other environmental indication:** biodegradability > 99%

### 13.0 DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** elimination by aqueous dilution. Without residue

### 14.0 TRANSPORT INFORMATION

Container must be transported vertically.

Transport authorization: road, rail, sea, and plane.

### 15.0 REGULATORY INFORMATION

Hydrogen peroxide is a colorless liquid with a slightly sharp, irritating odour and bitter taste. It is currently classified as Class C-Oxidizing, Class E-Corrosive and Class F-Dangerously Reactive material under WHMIS.

Silver Nitrate: WHMIS (Canada): Class D-1B Toxic; D-2A Very toxic; E: Corrosive liquid

### 16.0 OTHER INFORMATION

All information, recommendations, and suggestions appearing herein concerning the product are based upon data believed to be reliable. It is the user's responsibility to determine the safety, toxicity, and suitability for their own use of the product described herein, and to comply with all applicable regulations. Since the actual use by others is beyond the MSDS developer's control, no guarantee, expressed or implied is made by AMG Medical Inc. as to the effects of such use, the results to be obtained or the safety and toxicity of the product nor does AMG Medical Inc. assume any liability arising out of use by others of the product referred to herein. This MSDS is not intended as a license to operate under, or recommendation to infringe on, any patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

Note: CHEMTREC emergency telephone numbers is to be used only in the event of CHEMICAL EMERGENCIES involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to AMG Medical Inc. Regulatory Affairs Department for assistance.

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**PREPARED BY: AMG Medical Inc.**  
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**MSDS CONTACT: Regulatory Affairs**  
**SUPERSEDES MSDS: none**