

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Trade name : STERIS Dart  
Product code : NB113 and NB215

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the substance/mixture : Air removal test  
Use of the substance/mixture : For industrial and institutional use only. Not for home use.

**1.3. Details of the supplier of the safety data sheet**

Manufacturer:

STERIS Corporation  
P. O. Box 147, St. Louis, MO 63166, US  
Telephone Number for Information: 1-800-548-4873 (Customer Service-Healthcare Products)  
US Emergency Telephone No.1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)

Supplier:

STERIS Ireland Limited  
IDA Business and Technology Park  
Tullamore  
County Offaly  
R35 X865  
Ireland.  
Product/Technical Information Phone No: +44 (0) 116 276 8636  
Email: [asksteris\\_msds@steris.com](mailto:asksteris_msds@steris.com)

**1.4. Emergency telephone number**

Emergency number : 1-800-424-9300 (CHEMTREC)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GHS-US classification**

Not classified

**2.2. Label elements****GHS-US labelling**

No labelling applicable

**2.3. Other hazards**

No additional information available

**2.4. Unknown acute toxicity (GHS-US)**

No data available

**SECTION 3: Composition/information on ingredients****3.1. Substance**

Not applicable

Full text of H-phrases: see section 16

**3.2. Mixture**

This product does not contain any substance presented in above cut-off concentration limits that classified as hazardous in accordance with paragraph (d) of §1910.1200

**SECTION 4: First aid measures****4.1. Description of first aid measures**

First-aid measures general : Due to the low levels of hazardous components contained in this product, no acute, delayed or chronic adverse health effects are expected to occur via any exposure route under normal conditions of use by qualified persons. For sensitive or susceptible individuals, treat symptomatically as described below.

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First-aid measures after inhalation	: Breathing difficulty caused by inhalation of particulates requires removal to fresh air. If breathing has stopped, perform artificial respiration if qualified and trained and obtain medical assistance at once.
First-aid measures after skin contact	: Subcutaneous deposition through skin cuts and abrasions can be treated by standard first aid measures. Skin contamination through direct contact can be removed by washing with soap and water. If irritation persists, obtain medical assistance.
First-aid measures after eye contact	: Material should be flushed from the eyes with copious amounts of clean water. If irritation persists, obtain medical assistance. DO NOT rub the eyes if particulate matter or foreign objects are present as corneal damage can occur.
First-aid measures after ingestion	: Obtain medical assistance at once regardless of the presence or absence of symptoms. Only induce vomiting if advised by a medical professional.

### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Use water, dry chemical, foam or carbon dioxide to extinguish fire

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Irritating or toxic substances may be emitted upon thermal decomposition including oxides of lead, carbon, carbon monoxide and nitrogen oxide.

### 5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire.

Protective equipment for firefighters : As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

## SECTION 6: Accidental release measures

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

General measures : Avoid contact with skin, eyes and clothes. If spilled, may cause the floor to be slippery.

#### 6.1.1. For non-emergency personnel

Protective equipment : Spills or releases of this product are not expected to result in significant emergency response procedures. Wear protective cotton gloves or their equivalent when cleaning spilled or released material.

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : If large amounts or released materials are involved, wear appropriate and approved protective clothing appropriate to the incident to prevent skin contact. Respiratory protection should be worn if material is involved in a fire.

### 6.2. Environmental precautions

Prevent water used to extinguish fires from reaching drains, sewers, surface waters or groundwater.

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

Methods for cleaning up : Released material in dry form may be swept up using a broom and dust pan or picked up by hand if wearing protective cotton gloves or their equivalent. Prevent water used to extinguish fires from reaching drains, sewers, surface waters or groundwater by diking, berming or using vacuuming methods to clean up extinguishing media.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Product for industrial use only. Under conditions of normal handling and use expected for this product, no handling precautions other than those explained below are believed to be necessary. Handling precautions will be dependent on the method in which the product is used. Consult your safety representative for more details. DO NOT eat, drink or smoke when handling this product. Wash hands thoroughly after handling.
- Hygiene measures : Wash thoroughly after handling. Take care for general good hygiene and housekeeping. Do not eat, drink or smoke when using this product.

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

- Technical measures : Provide adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.
- Storage conditions : Keep product sealed in its original container at room temperature 2 to 24°C (36 to 75°F) and at normal humidity (30 to 80%). DO NOT mix this product with other chemical substances.
- Incompatible materials : No additional information available

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

- Appropriate engineering controls : None needed when this product is used in its prescribed manner by qualified personnel.
- Personal protective equipment : Avoid all unnecessary exposure. Personal protective equipment should be selected based upon the conditions under which this product is handled or used. Protective goggles.



- Hand protection : Not applicable
- Eye protection : Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
- Skin and body protection : None needed when this product is used in its prescribed manner by qualified personnel. Wear impervious clothing if exposures to skin are excessive. The type of protective equipment must be selected according to the concentration and amount of the dangerous substances at the specific workplace.
- Respiratory protection : None needed when this product is used in its prescribed manner by qualified personnel. Where risk assessment shows air-purifying respirators are appropriate use a particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) and CEN (EU).

### SECTION 9: Physical and chemical properties

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

- Physical state : Solid
- Appearance : White Test Strip
- Colour : White
- Odour : None
- Odour threshold : No data available
- pH : No data available
- Relative evaporation rate (butyl acetate=1) : No data available
- Melting point : No data available
- Freezing point : No data available

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Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: No data available
Solubility	: Not soluble
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This product is not reactive

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Avoid open flames as test paper is combustible

### 10.5. Incompatible materials

Acids, bases, oxidizers, reducing agents and halogens

### 10.6. Hazardous decomposition products

Irritating or toxic substances including oxides of lead, sulfur, carbon and nitrogen

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified Based on available data, the classification criteria are not met.
Skin corrosion/irritation	: Not classified Based on available data, the classification criteria are not met.
Serious eye damage/irritation	: Not classified Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met

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Specific target organ toxicity (single exposure)	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met
Symptoms/injuries after inhalation	: Not classified Based on available data, the classification criteria are not met.
Symptoms/injuries after skin contact	: Not classified Based on available data, the classification criteria are not met.
Symptoms/injuries after eye contact	: Not classified Based on available data, the classification criteria are not met.
Symptoms/injuries after ingestion	: Not classified Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Other information : No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Offer surplus and non-recyclable material to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Discarded product may be considered a U.S. Hazardous waste if Toxic Characteristic Leachate Procedure shows  $\geq 5$  ppm lead content.

Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

In accordance with DOT

Not regulated for transport

#### Additional information

Other information : No additional information available.

#### ADR

Transport document description : No additional information available

#### Transport by sea

No additional information available

#### Air transport

No additional information available

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

No additional information available

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### 15.2. International regulations

Not applicable

### 15.3. US State regulations

This product contains a chemical known to the State of California to cause cancer.

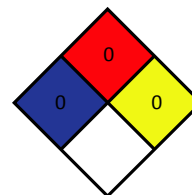
## SECTION 16: Other information

Revision date : 02/19/2018

NFPA health hazard : 0 – Poses no health hazard, no precautions necessary and would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard : 0 - Materials that will not burn.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



SDS US (GHS HazCom 2012)

*The information on this sheet is not a specification and does not guarantee specific properties. The information is intended to provide general knowledge as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product or where instruction or recommendations are not followed.*