

Revision Date 13-Dec-2016

Revision Number 5

# SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identification

| Product Description: | Silver(I) fluoride              |
|----------------------|---------------------------------|
| Cat No. :            | 210450000; 210450050; 210450250 |
| Synonyms             | None.                           |
| CAS-No               | 7775-41-9                       |
| EC-No.               | 231-895-8                       |
| Molecular Formula    | Ag F                            |

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

| Recommended Use      | Laboratory chemicals.    |
|----------------------|--------------------------|
| Uses advised against | No Information available |

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

| Company        | Acros Organics BVBA            |
|----------------|--------------------------------|
|                | Janssen Pharmaceuticalaan 3a   |
|                | 2440 Geel, Belgium             |
| E-mail address | begel.sdsdesk@thermofisher.com |

1.4. Emergency telephone number

For information **US** call: 001-800-ACROS-01 / **Europe** call: +32 14 57 52 11 Emergency Number **US**:001-201-796-7100 / **Europe**: +32 14 57 52 99 **CHEMTREC** Tel. No.**US**:001-800-424-9300 / **Europe**:001-703-527-3887

# **SECTION 2: HAZARDS IDENTIFICATION**

## 2.1. Classification of the substance or mixture

| CLP Classification - Regulation (EC) No 1272/2008                |                     |
|--|---------------------|
| Physical hazards   |                     |
| Based on available data, the classification criteria are not met | t                   |
| Health hazards   |                     |
| Skin Corrosion/irritation  | Category 1 B (H314) |
| Serious Eye Damage/Eye Irritation                                | Category 1 (H318)   |
| Environmental hazards  |                     |
| Acute aquatic toxicity   | Category 1 (H400)   |
| Chronic aquatic toxicity   | Category 1 (H410)   |

#### 2.2. Label elements

Silver(I) fluoride



## Signal Word

Danger

#### **Hazard Statements**

H314 - Causes severe skin burns and eye damage

H410 - Very toxic to aquatic life with long lasting effects

#### **Precautionary Statements**

P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection

P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310 - Immediately call a POISON CENTER or doctor/ physician

#### 2.3. Other hazards

No information available

# **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#### 3.1. Substances

| Component             | CAS-No    | EC-No.            | Weight % | CLP Classification - Regulation (EC) No<br>1272/2008  |
|-----------------------|-----------|-------------------|----------|---|
| Silver fluoride (AgF) | 7775-41-9 | EEC No. 231-895-8 | > 99     | Skin Corr. 1B (H314)<br>Eye Dam. 1 (H318)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410) |

Full text of Hazard Statements: see section 16

# **SECTION 4: FIRST AID MEASURES**

#### 4.1. Description of first aid measures

| General Advice | Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.   |
|----------------|---|
| Eye Contact    | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.<br>Immediate medical attention is required.  |
| Skin Contact   | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Call a physician immediately. Dermal burns may be treated with calcium gluconate gel or slurry in water or glycerine. This compound binds the active fluorides in an insoluble form and limits burn extension and pain. |
| Ingestion      | Immediate medical attention is required. Do not induce vomiting. Drink plenty of water.<br>Never give anything by mouth to an unconscious person.   |
| Inhalation     | Move to fresh air. If not breathing, give artificial respiration. Call a physician or Poison Control Center immediately. Do not use mouth-to-mouth method if victim ingested or   |

 inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

 Protection of First-aiders
 Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

 4.2. Most important symptoms and effects, both acute and delayed
 Causes burns by all exposure routes. Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation

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

Notes to Physician

Silver(I) fluoride

Treat symptomatically.

## **SECTION 5: FIREFIGHTING MEASURES**

#### 5.1. Extinguishing media

#### Suitable Extinguishing Media

CO<sub>2</sub>, dry chemical, dry sand, alcohol-resistant foam.

## Extinguishing media which must not be used for safety reasons

No information available.

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

The product causes burns of eyes, skin and mucous membranes. Do not allow run-off from fire fighting to enter drains or water courses.

#### Hazardous Combustion Products

Gaseous hydrogen fluoride (HF).

#### 5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

# SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Use personal protective equipment. Evacuate personnel to safe areas. Avoid contact with skin, eyes and clothing.

#### 6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

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

Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation.

#### 6.4. Reference to other sections

Refer to protective measures listed in Sections 8 and 13.

# **SECTION 7: HANDLING AND STORAGE**

#### Silver(I) fluoride

#### 7.1. Precautions for safe handling

Do not get in eyes, on skin, or on clothing. Wear personal protective equipment. Use only under a chemical fume hood. Do not breathe dust. Do not ingest.

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

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

Keep in a dry, cool and well-ventilated place. Keep container tightly closed. Keep away from direct sunlight. Corrosives area. Keep containers tightly closed in a dry, cool and well-ventilated place.

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

Use in laboratories

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

#### Exposure limits

List source(s): **EU** - Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. **UK** - EH40/2005 Containing the workplace exposure limits (WELs) for use with the Control of Substances Hazardous to Health Regulations (COSHH) 2002 (as amended). Updated by September 2006 official press release and October 2007 Supplement.

| Component             | European Union                   | The United Kingdom               | France                            | Belgium | Spain                       |
|-----------------------|----------------------------------|----------------------------------|-----------------------------------|---------|-----------------------------|
| Silver fluoride (AgF) | TWA: 0.01 mg/m <sup>3</sup> 8 hr | STEL: 0.03 mg/m <sup>3</sup> 15  | TWA / VME: 0.01 mg/m <sup>3</sup> |         | TWA / VLA-ED: 0.01          |
|                       |                                  | min                              | (8 heures). indicative            |         | mg/m <sup>3</sup> (8 horas) |
|                       |                                  | TWA: 0.01 mg/m <sup>3</sup> 8 hr | limit                             |         |                             |

| Component             | Italy | Germany                             | Portugal                           | The Netherlands | Finland |
|-----------------------|-------|-------------------------------------|------------------------------------|-----------------|---------|
| Silver fluoride (AgF) |       | TWA: 1 mg/m <sup>3</sup> (8         | TWA: 0.01 mg/m <sup>3</sup> 8      |                 |         |
|                       |       | Stunden). AGW -                     | horas TWA: 2.5 mg/m <sup>3</sup> 8 |                 |         |
|                       |       | exposure factor 8 TWA:              | horas                              |                 |         |
|                       |       | 0.01 mg/m <sup>3</sup> (8 Stunden). |                                    |                 |         |
|                       |       | AGW - exposure factor               |                                    |                 |         |
|                       |       | 2                                   |                                    |                 |         |
|                       |       | TWA: 1 mg/m <sup>3</sup> (8         |                                    |                 |         |
|                       |       | Stunden). MAK TWA:                  |                                    |                 |         |
|                       |       | 0.01 mg/m <sup>3</sup> (8 Stunden). |                                    |                 |         |
|                       |       | MAK                                 |                                    |                 |         |
|                       |       | Höhepunkt: 0.02 mg/m <sup>3</sup>   |                                    |                 |         |
|                       |       | Haut                                |                                    |                 |         |

| Component             | Austria                                      | Denmark | Switzerland                                | Poland | Norway                                 |
|-----------------------|--|---------|--|--------|--|
| Silver fluoride (AgF) | MAK-TMW: 0.01 mg/m <sup>3</sup><br>8 Stunden |         | STEL: 0.02 mg/m <sup>3</sup> 15<br>Minuten |        | TWA: 0.01 mg/m <sup>3</sup> 8<br>timer |
|                       | e etandon                                    |         | TWA: 0.01 mg/m <sup>3</sup> 8<br>Stunden   |        |  |

| Component             | Latvia  | Lithuania       | Luxembourg | Malta  | Romania |
|-----------------------|---|-----------------|------------|--------|---------|
| Silver fluoride (AgF) | STEL: 1 mg/m <sup>3</sup><br>TWA: 0.2 mg/m <sup>3</sup> |                 |            |        |         |
|                       |   |                 |            |        |         |
|                       |   |                 |            |        |         |
| Component             | Russia  | Slovak Republic | Slovenia   | Sweden | Turkey  |

#### **Biological limit values**

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

#### Monitoring methods

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust

| Derived No Effect Level (DNEL) | No information available |               |                 |                 |
|--------------------------------|--------------------------|---------------|-----------------|-----------------|
| Route of exposure              | Acute effects (local)    | Acute effects | Chronic effects | Chronic effects |
|                                |                          | (systemic)    | (local)         | (systemic)      |
| Oral                           |                          |               |                 |                 |
| Dermal                         |                          |               |                 |                 |
| Inhalation                     |                          |               |                 |                 |

**Predicted No Effect Concentration** No information available. (PNEC)

#### 8.2. Exposure controls

#### Engineering Measures

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source

#### Personal protective equipment



| Glove material<br>Natural rubber<br>Nitrile rubber<br>Neoprene<br>PVC | Breakthrough time<br>See manufacturers<br>recommendations | Glove thickness<br>- | EU standard<br>EN 374 | Glove comments<br>(minimum requirement) |  |
|---|---|----------------------|-----------------------|---|--|
| Skin and body prote   | ection Long sle   | eved clothing        |                       |   |  |

Inspect gloves before use.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information)

Ensure gloves are suitable for the task: Chemical compatability, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.

Remove gloves with care avoiding skin contamination.

| Respiratory Protection     | When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.   |
|----------------------------|--|
|                            | To protect the wearer, respiratory protective equipment must be the correct fit and be used<br>and maintained properly   |
| Large scale/emergency use  | Use a NIOSH/MSHA or European Standard EN 136 approved respirator if exposure limits<br>are exceeded or if irritation or other symptoms are experienced   |
|                            | Recommended Filter type: Particulates filter conforming to EN 143  |
| Small scale/Laboratory use | Use a NIOSH/MSHA or European Standard EN 149:2001 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. <b>Recommended half mask:-</b> Particle filtering: EN149:2001 When RPE is used a face piece Fit Test should be conducted |

#### Environmental exposure controls

Prevent product from entering drains. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.

# **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

| Appearance<br>Physical State   | Brown<br>Powder Solid   |   |
|--|---|---|
| Odor<br>Odor Threshold<br>pH<br>Melting Point/Range<br>Softening Point<br>Boiling Point/Range<br>Flash Point<br>Evaporation Rate<br>Flammability (solid,gas)<br>Explosion Limits | Odorless<br>No data available<br>No information available<br>435 °C / 815 °F<br>No data available<br>1150 °C / 2102 °F<br>No information available<br>Not applicable<br>No information available<br>No data available | @ 760 mmHg<br><b>Method -</b> No information available<br>Solid |
| Vapor Pressure<br>Vapor Density<br>Specific Gravity / Density<br>Bulk Density<br>Water Solubility<br>Solubility in other solvents<br>Partition Coefficient (n-octanol/wate       | No data available<br>Not applicable<br>5.850<br>No data available<br>soluble<br>No information available  | Solid   |
| Autoignition Temperature<br>Decomposition Temperature<br>Viscosity<br>Explosive Properties<br>Oxidizing Properties   | Not applicable<br>No data available<br>Not applicable<br>No information available<br>No information available   | Solid   |
| 9.2. Other information<br>Molecular Formula  | Ag F  |   |

126.87

# **SECTION 10: STABILITY AND REACTIVITY**

| 10.1. Reactivity  | None known, based on information available                    |
|---|---|
| 10.2. Chemical stability<br>10.3. Possibility of hazardous reacti | Stable under normal conditions, Hygroscopic, Light sensitive. |
| Hazardous Polymerization<br>Hazardous Reactions                   |   |
| 10.4. Conditions to avoid<br>10.5. Incompatible materials         |   |

#### 10.6. Hazardous decomposition products

Gaseous hydrogen fluoride (HF).

# **SECTION 11: TOXICOLOGICAL INFORMATION**

**Molecular Weight** 

## 11.1. Information on toxicological effects

| Product Information  | No acute toxicity information is available for this product  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
| (a) acute toxicity;<br>Oral<br>Dermal<br>Inhalation          | No data available<br>No data available<br>No data available  |  |  |  |  |  |  |
| (b) skin corrosion/irritation;                               | Category 1 B   |  |  |  |  |  |  |
| (c) serious eye damage/irritation;                           | Category 1   |  |  |  |  |  |  |
| (d) respiratory or skin sensitization<br>Respiratory<br>Skin | No data available<br>No data available   |  |  |  |  |  |  |
| (e) germ cell mutagenicity;                                  | No data available  |  |  |  |  |  |  |
| (f) carcinogenicity;   | No data available<br>There are no known carcinogenic chemicals in this product   |  |  |  |  |  |  |
| (g) reproductive toxicity;                                   | No data available  |  |  |  |  |  |  |
| (h) STOT-single exposure;                                    | No data available  |  |  |  |  |  |  |
| (i) STOT-repeated exposure;                                  | No data available  |  |  |  |  |  |  |
| Target Organs  | None known.  |  |  |  |  |  |  |
| (j) aspiration hazard;                                       | Not applicable<br>Solid  |  |  |  |  |  |  |
| Symptoms / effects,both acute and<br>delayed                 | Product is a corrosive material. Use of gastric lavage or emesis is contraindicated.<br>Possible perforation of stomach or esophagus should be investigated: Ingestion causes<br>severe swelling, severe damage to the delicate tissue and danger of perforation |  |  |  |  |  |  |

| SECTION 12: ECOLOGICAL INFORMATION                 |   |  |  |  |  |  |
|--|---|--|--|--|--|--|
| 12.1. Toxicity<br>Ecotoxicity effects              | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product contains following substances which are hazardous for the environment. |  |  |  |  |  |
| 12.2. Persistence and degradability<br>Persistence | Soluble in water, Persistence is unlikely, based on information available.  |  |  |  |  |  |

| Persistence<br>Degradability<br>Degradation in sewage<br>treatment plant | Soluble in water, Persistence is unlikely, based on information available.<br>Not relevant for inorganic substances.<br>Contains substances known to be hazardous to the environment or not degradable in waste<br>water treatment plants. |
|--|--|
| 12.3. Bioaccumulative potential  | Bioaccumulation is unlikely  |
| <u>12.4. Mobility in soil</u>  | The product is water soluble, and may spread in water systems Will likely be mobile in the environment due to its water solubility. Highly mobile in soils   |
| 12.5. Results of PBT and vPvB  | No data available for assessment.  |

#### assessment

#### 12.6. Other adverse effects Endocrine Disruptor Information Persistent Organic Pollutant Ozone Depletion Potential

This product does not contain any known or suspected endocrine disruptors This product does not contain any known or suspected substance This product does not contain any known or suspected substance

## **SECTION 13: DISPOSAL CONSIDERATIONS**

#### 13.1. Waste treatment methods

| Waste from Residues / Unused<br>Products | Should not be released into the environment. Waste is classified as hazardous. Dispose of<br>in accordance with the European Directives on waste and hazardous waste. Dispose of in<br>accordance with local regulations.  |
|--|--|
| Contaminated Packaging                   | Dispose of this container to hazardous or special waste collection point.  |
| European Waste Catalogue (EWC)           | According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.   |
| Other Information                        | Do not dispose of waste into sewer. Waste codes should be assigned by the user based on the application for which the product was used. Do not empty into drains. Large amounts will affect pH and harm aquatic organisms. Do not let this chemical enter the environment. |

# **SECTION 14: TRANSPORT INFORMATION**

#### IMDG/IMO

| <u>14.1. UN number</u><br><u>14.2. UN proper shipping name</u><br><u>14.3. Transport hazard class(es)</u><br><u>14.4. Packing group</u> | UN3260<br>CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S<br>8<br>II   |
|---|--|
| ADR   |  |
| <u>14.1. UN number</u><br><u>14.2. UN proper shipping name</u><br><u>14.3. Transport hazard class(es)</u><br>14.4. Packing group        | UN3260<br>CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S<br>8<br>II   |
| IATA  |  |
| <u>14.1. UN number</u><br><u>14.2. UN proper shipping name</u><br><u>14.3. Transport hazard class(es)</u><br>14.4. Packing group        | UN3260<br>CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S<br>8<br>II   |
| 14.5. Environmental hazards   | Dangerous for the environment<br>Product is a marine pollutant according to the criteria set by IMDG/IMO |
| 14.6. Special precautions for user  | No special precautions required  |
| 14.7. Transport in bulk according to<br>Annex II of MARPOL73/78 and the<br>IBC Code   | _Not applicable, packaged goods  |

IBC Code

## **SECTION 15: REGULATORY INFORMATION**

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

| International Inventories |        | X = listed |     |      |     |      |       |      |       |      |      |
|---------------------------|--------|------------|-----|------|-----|------|-------|------|-------|------|------|
| Component                 | EINECS | ELINCS     | NLP | TSCA | DSL | NDSL | PICCS | ENCS | IECSC | AICS | KECL |

Revision Date 13-Dec-2016

| Silver fluoride (AgF) | 231-895-8 | - | Х | - | Х | - | Х | - | Х | Х |
|-----------------------|-----------|---|---|---|---|---|---|---|---|---|

#### **National Regulations**

Silver(I) fluoride

Take note of Control of Substances Hazardous to Health Regulations (COSHH) 2002 and 2005 Amendment. Take note of Dir 94/33/EC on the protection of young people at work Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

#### 15.2. Chemical safety assessment

A Chemical Safety Assessment/Report (CSA/CSR) has not been conducted

Full text of H-Statements referred to under sections 2 and 3

## **SECTION 16: OTHER INFORMATION**

#### H314 - Causes severe skin burns and eye damage H318 - Causes serious eye damage H400 - Very toxic to aquatic life H410 - Very toxic to aquatic life with long lasting effects Legend **CAS** - Chemical Abstracts Service TSCA - United States Toxic Substances Control Act Section 8(b) Inventory EINECS/ELINCS - European Inventory of Existing Commercial Chemical DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances/EU List of Notified Chemical Substances Substances List PICCS - Philippines Inventory of Chemicals and Chemical Substances ENCS - Japanese Existing and New Chemical Substances IECSC - Chinese Inventory of Existing Chemical Substances AICS - Australian Inventory of Chemical Substances **KECL** - Korean Existing and Evaluated Chemical Substances NZIOC - New Zealand Inventory of Chemicals WEL - Workplace Exposure Limit TWA - Time Weighted Average ACGIH - American Conference of Governmental Industrial Hygienists IARC - International Agency for Research on Cancer **DNEL** - Derived No Effect Level **PNEC** - Predicted No Effect Concentration **RPE** - Respiratory Protective Equipment LD50 - Lethal Dose 50% LC50 - Lethal Concentration 50% EC50 - Effective Concentration 50% **NOEC** - No Observed Effect Concentration POW - Partition coefficient Octanol:Water

 PBT - Persistent, Bioaccumulative, Toxic
 vPvB - very Persistent, very Bioaccumulative

 ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road
 ICAO/IATA - International Civil Aviation Organization/International Air Transport Association

 IMO/IMDG - International Maritime Organization/International Maritime Dangerous Goods Code
 MARPOL - International Convention for the Prevention of Pollution from Ships

 OECD - Organisation for Economic Co-operation and Development
 ATE - Acute Toxicity Estimate

**BCF** - Bioconcentration factor **VOC** - Volatile Organic Compounds

#### Key literature references and sources for data

Suppliers safety data sheet, Chemadvisor - LOLI, Merck index, RTECS

#### **Training Advice**

Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and hygiene.

Use of personal protective equipment, covering appropriate selection, compatibility, breakthrough thresholds, care, maintenance, fit and standards.

First aid for chemical exposure, including the use of eye wash and safety showers. Chemical incident response training.

# Revision Date13-Dec-2016Revision SummarySDS sections updated, 2, 3, 4, 12, 14.This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text

End of Safety Data Sheet