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

1.1. Product identifier
Product name: ON-Gard Calcium

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

1.3. Details of the supplier of the safety data sheet
Registered company name: BioWorks, Inc.
Address: 100 Rawson Rd., Ste. 205, Victor, NY 14564
Telephone: 800-877-9443  Fax:  

1.4. Emergency telephone number: Contact the nearest Poison Control Center
Association/Organisation: 
Open office hours - Monday to Friday from 8:00 a.m. to 5:00 p.m. (EST)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
In compliance with GHS.
Eye irritation, Category 2 (Eye Irrit. 2, H319).
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.
This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements
Mixture for spray application.

Hazard pictograms:

GHS07
Signal Word: WARNING
Hazard statements:
H319
Precautionary statements - Prevention:
P264
P280
Precautionary statements - Response:
P305 + P351 + P338
P337 + P313
Precautionary statements - Disposal:
P501

2.3. Other hazards
No other hazards.
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures
Composition:

<table>
<thead>
<tr>
<th>Identification</th>
<th>Note</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>INDEX: 017-013-00-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS: 10043-52-4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC: 233-140-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CALCIUM CHLORIDE</td>
<td></td>
<td>10 &lt;= x % &lt; 25</td>
</tr>
</tbody>
</table>

GHS07
Wng
Eye Irrit. 2, H319

(Full text of H-phrases: see section 16)

SECTION 4: FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of splashes or contact with eyes:
Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.
If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of swallowing:
Seek medical attention, showing the label.

4.2. Most important symptoms and effects, both acute and delayed
No data available.

4.3. Indication of any immediate medical attention and special treatment needed
No data available.

SECTION 5: FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture
A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
Do not breathe in smoke.
In the event of a fire, the following may be formed:
- carbon monoxide (CO)
- carbon dioxide (CO2)
- phosgene (CCI2O)
- chlorine (Cl2)

5.3. Advice for firefighters
No data available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Consult the safety measures listed under headings 7 and 8.

For non first aid worker
Avoid any contact with the skin and eyes.

For first aid worker
First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions
Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up
Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections
No data available.
SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling
Always wash hands after handling.
Remove and wash contaminated clothing before re-using.

Fire prevention :
Prevent access by unauthorised personnel.

Recommended equipment and procedures :
For personal protection, see section 8.
Observe precautions stated on label and also industrial safety regulations.
Avoid eye contact with this mixture.

Prohibited equipment and procedures :
No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities
No data available.

Packaging
Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)
No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters
No data available.

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :

Use personal protective equipment that is clean and has been properly maintained.
Store personal protective equipment in a clean place, away from the work area.
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection
Avoid contact with eyes.
Use eye protectors designed to protect against liquid splashes
Before handling, wear safety goggles with protective sides.
In the event of high danger, protect the face with a face shield.
When spraying, wear a face shield.
Prescription glasses are not considered as protection.
Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.
Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection
Wear suitable protective gloves in the event of prolonged or repeated skin contact.
Use suitable protective gloves that are resistant to chemical agents.
Gloves must be selected according to the application and duration of use at the workstation.
Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.
Recommended properties :
- Impervious gloves

- Body protection
Work clothing worn by personnel shall be laundered regularly.
After contact with the product, all parts of the body that have been soiled must be washed.
SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state : Fluid liquid.

Important health, safety and environmental information

pH : Not relevant.
Boiling point/boiling range : Not specified.
Flash point interval : Not relevant.
Vapour pressure (50°C) : Not relevant.
Density : > 1
Water solubility : Soluble.
Melting point/melting range : Not specified.
Self-ignition temperature : Not specified.
Decomposition point/decomposition range : Not specified.

9.2. Other information

No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form :
- carbon monoxide (CO)
- carbon dioxide (CO2)
- phosgene (CCl2O)
- chlorine (Cl2)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

11.1.1. Substances

No toxicological data available for the substances.

11.1.2. Mixture

No toxicological data available for the mixture.

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.
12.4. Mobility in soil
   No data available.

12.5. Results of PBT and vPvB assessment
   No data available.

12.6. Other adverse effects
   No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
   Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:
Empty container completely. Keep label(s) on container.
Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number
   -

14.2. UN proper shipping name
   -

14.3. Transport hazard class(es)
   -

14.4. Packing group
   -

14.5. Environmental hazards
   -

14.6. Special precautions for user
   -

SECTION 15 : REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
   - Classification and labelling information included in section 2:
     This product is classified and labeled according to the Globally Harmonized System (GHS).
   - Container information:
     No data available.
   - Particular provisions:
     No data available.

15.2. Chemical safety assessment
   No data available.
SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3:

H319 Causes serious eye irritation.

Abbreviations:
IMDG : International Maritime Dangerous Goods.
IATA : International Air Transport Association.
GHS07 : Exclamation mark
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.