

MOLDEX® Mold Killer

Version 1.0

Revision Date: 2015.05.27

SECTION 1. IDENTIFICATION

Product name: **MOLDEX® Mold Killer**

EPA No.: 6836-193-82480

Manufacturer or supplier's details

Company: **Envirocare Corp.**
10 Upton Drive #3
Wilmington, MA 01887
USA
Business Telephone: 1-978-658-0123
Business Fax: 1-978-964-0444

E-mail address: info@envirocarecorp.com

Emergency telephone number: **CHEMTREC**
US/Canada: 1-800-424-9300
Intl/Maritime: +1-703-527-3887

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Eye irritation : Category 2A (Eyes)

Skin irritation : Category 2 (Skin)

GHS Label element

Hazard pictograms :



Signal word : Warning

Hazard statements : H320 Causes eye irritation.
H315 Causes skin irritation.

Precautionary statements : **Prevention:**
P280 Wear protective gloves/ eye protection/ face protection.
P264 Wash skin thoroughly after handling.

Response:
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/ attention.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.

Storage:
P402 + P404 Store in a dry place. Store in a closed container.
P410 + P403 Protect from sunlight. Store in a well-ventilated place.

Disposal:
P501 Dispose of contents/container in accordance with local regu-

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lation.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous components**

| Chemical Name | CAS-No. | Concentration (%) |
|---|--------------|-------------------|
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | 68424-85-1 | 0.30 |
| Proprietary ingredients | Not Assigned | 97.30 |

SECTION 4. FIRST AID MEASURES

- If inhaled : Remove to fresh air.
If breathing is irregular or stopped, administer artificial respiration.
- In case of skin contact : After contact with skin, wash immediately with plenty of soap and water.
Consult a physician.
- In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Call a physician immediately.
- If swallowed : Call a physician immediately.
Clean mouth with water and drink afterwards plenty of water.
Do not induce vomiting without medical advice.
Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed : No information available.
- Notes to physician : No information available.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Dry powder
Water spray
Foam
- Specific hazards during firefighting : Heating or fire can release toxic gas.
- Further information : Use water spray to cool unopened containers.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective : Use respirator when performing operations involving potential ex-
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equipment and emergency procedures

posure to vapour of the product.

Environmental precautions

General advice : Prevent product from entering drains.

Methods and materials for containment and cleaning up

: Sweep up or vacuum up spillage and collect in suitable container for disposal.

Do not flush into surface water or sanitary sewer system.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling

: Provide sufficient air exchange and/or exhaust in work rooms. Avoid contact with skin and eyes.

Conditions for safe storage

: Keep container tightly closed and dry.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|-----------------|----------|-------------------------------|--|-------------|
| 2-Butoxyethanol | 111-76-2 | TWA | 20 ppm | ACGIH |
| | | REL | 5 ppm 24 mg/m ³ | NIOSH/GUIDE |
| | | PEL | 50 ppm 240 mg/m ³ | OSHA_TRANS |
| | | TWA | 25 ppm 120 mg/m ³ | Z1A |
| | | TWA | 20 ppm | CAD ON OEL |

Biological occupational exposure limits

| Components | CAS-No. | Control parameters | Biological specimen | Sampling time | Permissible concentration | Basis |
|-----------------|----------|--|---------------------|------------------------------|---------------------------|--------------|
| 2-Butoxyethanol | 111-76-2 | Butoxyacetic acid (BAA), with hydrolysis | Creatinine in urine | Sampling time: End of shift. | 200 mg/g | ACGIH BEI |

Appropriate engineering controls**Personal protective equipment**

Respiratory protection

: In the case of vapour formation use a respirator with an approved filter.

Hand protection

Remarks

: Wear suitable gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of con-

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| | |
|--------------------------|---|
| | tact). |
| Eye protection | : Tightly fitting safety goggles |
| Skin and body protection | : Choose body protection according to the amount and concentration of the dangerous substance at the work place. No special protective equipment required. |
| Hygiene measures | : Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|-------------------------------------|
| Appearance | : liquid |
| Colour | : clear, Color depends on dye added |
| Odour | : no data available |
| Odour Threshold | : no data available |
| pH | : 11.5 - 12.5 |
| Melting point/freezing point | : no data available |
| Boiling point/boiling range | : no data available |
| Flash point | : not determined |
| Evaporation rate | : no data available |
| Upper explosion limit | : no data available |
| Lower explosion limit | : no data available |
| Vapour pressure | : no data available |
| Relative vapour density | : no data available |
| Relative density | : no data available |
| Water solubility | : no data available |
| Partition coefficient: n-octanol/water | : no data available |
| Auto-ignition temperature | : no data available |
| Decomposition temperature | : no data available |
| Viscosity, dynamic | : no data available |
| Viscosity, kinematic | : no data available |

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SECTION 10. STABILITY AND REACTIVITY

| | | |
|------------------------|---|--|
| Reactivity | : | Stable under recommended storage conditions. |
| Chemical stability | : | Stable under normal conditions. |
| Conditions to avoid | : | None known. |
| Incompatible materials | : | None known. |

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Eyes
Skin
Ingestion
Inhalation

Skin corrosion/irritation

Skin irritation : Remarks: Irritating to skin.

Serious eye damage/eye irritation

Eye irritation : Remarks: Irritating to eyes.

Carcinogenicity

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Other adverse effects

Additional ecological information : There is no data available for this product.

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SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Contaminated packaging : Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION**IATA** Not dangerous goods**UN number** : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : no**IMDG** Not dangerous goods**UN number** : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : Marine pollutant: no**ADR** :
Not dangerous goods**UN number** : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : no**RID** :
Not dangerous goods**UN number** : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : no**DOT** :
Not dangerous goods**UN number** : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : no

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| | | |
|---|---|---------------------|
| TDG | : | Not dangerous goods |
| UN number | : | Not applicable |
| Proper shipping name | : | Not applicable |
| Transport hazard class | : | Not applicable |
| Packing group | : | Not applicable |
| Environmental hazards | : | no |
| Special precautions for user | : | none |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | : | Not applicable |

SECTION 15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

| | | |
|-------------------|---|--|
| Signal word | : | CAUTION! |
| Hazard statements | : | Causes skin irritation. Causes moderate eye irritation. |

| | | |
|-----------------------------|---|---------------------|
| SARA 311/312 Hazards | : | Acute Health Hazard |
|-----------------------------|---|---------------------|

US State Regulations**California Prop 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16. OTHER INFORMATION

| | | |
|---------------|---|------------|
| Revision Date | : | 2015.05.27 |
|---------------|---|------------|

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.