

* 1 Identification

- **Product identifier** R1101
- **Trade name:** Durapot 862 Resin
- **Article number:** 862R
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Cotronics Corp
131 47th Street
Brooklyn, NY 11232
USA
- **Information department:** In the event of an emergency please call Chemtrec at 1 800-424-9300 (24 hour)

* 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS07

Acute Tox. 4 H302 Harmful if swallowed.
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labeling:**
Diglycidyl Ether
- **Hazard statements**
H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
- **Precautionary statements**
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves / eye protection / face protection.
P285 In case of inadequate ventilation wear respiratory protection.
P301+P310 If swallowed: Immediately call a doctor.
P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
P302+P352 If on skin: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P306 If on clothing:
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P404 Store in a closed container.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 2
Fire = 1
Reactivity = 0

Trade name: Durapot 862 Resin

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· **HMIS-ratings (scale 0 - 4)**

HEALTH	2	Health = 2
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

* **3 Composition/information on ingredients**

· **Chemical characterization: Mixtures**

· **Description:** Nonhazardous materials will not be listed separately

· **Components:**

28064-14-4 Modified Epoxy Resin	50-<100%
64742-95-6 Solvent naphtha (petroleum), light aroma	0.1-<1%
14228-73-0 Diglycidyl Ether	2.5-<10%

* **4 First-aid measures**

· **Description of first aid measures**

· **General information:** Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· **After inhalation:**

Move to a place with fresh air and keep at rest.

In case of unconsciousness and call a doctor.

If transporting move stably into a side position for transportation.

· **After skin contact:**

Immediately wash with water

If irritation continues, consult a doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water.

Get medical attention

· **After swallowing:** Do not induce vomiting; immediately call a doctor.

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

* **5 Fire-fighting measures**

· **Extinguishing media**

· **Suitable extinguishing agents:** CO2, extinguishing powder or water spray.

· **Special hazards arising from the substance or mixture** No further relevant information available.

· **Advice for firefighters** Wear self-contained breathing apparatus, if necessary

· **Protective equipment:** Use personal protective equipment.

* **6 Accidental release measures**

· **Personal precautions, protective equipment and emergency procedures** Not required.

· **Environmental precautions:** No special measures required.

· **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

· **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Trade name: Durapot 862 Resin

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* 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Keep in closed, sealed container.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep sealed container(s) at room temperature
Recommended to keep in a cool, dry condition atmosphere.
- **Specific end use(s)** No further relevant information available.

* 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** Personal protection is required while machining this material. Use suitable face/eye/hand protection.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Do not eat or drink while working.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Do not eat or drink while working.
- **Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:** Impervious gloves
- **Eye protection:**



Tightly sealed goggles

* 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Slightly Viscous Liquid
Color:	Pale Yellow
Odor:	Slight
- **pH-value:** Not determined.
- **Change in condition**

Melting point/Melting range:	Not Applicable.
Boiling point/Boiling range:	Not applicable
- **Flash point:** 146 °C (294.8 °F)
- **Flammability (solid, gaseous):** Not Applicable.
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**

Lower:	Not Applicable
Upper:	Not Applicable.
- **Vapor pressure:** Not determined.

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- **Density at 20 °C (68 °F):** 1.18 g/cm³ (9.85 lbs/gal)
- **Solubility in / Miscibility with Water:** Not miscible or difficult to mix.
- **Solvent content:**
 - **Organic solvents:** 0.1 %
- **Other information** No further relevant information available.

***10 Stability and reactivity**

- **Reactivity** No further relevant information available.
- **Chemical stability** Stable under recommended storage conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

***11 Toxicological information**

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
 - 64742-95-6 Solvent naphtha (petroleum), light aroma
 - Oral LD50 >6800 mg/kg (Rat)
 - Dermal LD50 >3400 mg/kg (rab)
 - Inhalative LC50/4 h >10.2 mg/l (Rat)
- **Primary irritant effect:**
- **On the skin:** Irritating to skin.
- **On the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
 - The product shows the following dangers according to internally approved calculation methods for preparations:
 - Harmful
 - Irritant
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**
 - None of the materials are listed
- **NTP (National Toxicology Program)**
 - None of the materials are listed
- **OSHA-Ca (Occupational Safety & Health Administration)**
 - None of the materials are listed

***12 Ecological information**

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Not known to be hazardous to water.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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Recommendation: *Dispose material in accordance with federal, state, local and international regulations.*

Not Regulated for Transport

None of the materials are listed

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· **Rhode Island Right To Know Components**

None of the ingredients are listed

· **Minnesota Right To Know Components**

None of the ingredients are listed

· **Florida Right To Know Components**

None of the ingredients are listed

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients are listed

· **TLV (Threshold Limit Value)**

None of the ingredients are listed

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

If none of the ingredients are listed

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS07

· **Signal word** Warning

· **Hazard-determining components of labeling:**

Diglycidyl Ether

· **Hazard statements**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

· **Precautionary statements**

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves / eye protection / face protection.

P285 In case of inadequate ventilation wear respiratory protection.

P301+P310 If swallowed: Immediately call a doctor.

P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.

P302+P352 If on skin: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P306 If on clothing:

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P404 Store in a closed container.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

16 Other information

To the best of our knowledge, the information contained herein is correct. Cotronics does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. We do not guarantee that the hazards described herein are the only hazards that exist.

· **Department issuing SDS:** Environment protection department.

· **Contact:** Dr. Alan Reznik

· **Date of preparation / last revision** 11/10/2021 / 13

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

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Printing date 11/10/2021

Revised on 10/15/2021

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vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Skin Sens. 1: Skin sensitisation – Category 1

· *** Data compared to the previous version altered.**

— US —

* 1 Identification

- **Product identifier** H1301
- **Trade name:** Durapot 862 Hardener
- **Article number:** 862H
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Cotronics Corp
131 47th Street
Brooklyn, NY 11232
USA
- **Information department:** In the event of an emergency please call Chemtrec at 1 800-424-9300 (24 hour)

* 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.



GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335 May cause respiratory irritation.

- **Label elements**

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS05 GHS07 GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

Acid Anhydride Complex

1,2,3,6-tetrahydro-3,6-methanophthalic anhydride

- **Hazard statements**

H302+H332 Harmful if swallowed or if inhaled.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

- **Precautionary statements**

P260 Do not breathe fume.

P260 Do not breathe gas.

P260 Do not breathe vapours.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing must not be allowed out of the workplace.

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

P301+P310 If swallowed: Immediately call a doctor.

P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.

P302+P352 If on skin: Wash with plenty of soap and water.

Trade name: Durapot 862 Hardener

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- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P342+P311 If experiencing respiratory symptoms: Call a doctor.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P404 Store in a closed container.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 3
Fire = 1
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 3
Fire = 1
Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

*** 3 Composition/information on ingredients**

· **Chemical characterization: Mixtures**

· **Description:**

Nonhazardous materials will not be listed separately.

When encapsulated in a liquid mixture, powders are not expected to pose a health hazard when processed under normal conditions of use.

· **Components:**

25134-21-8 Acid Anhydride Complex	50-<100%
826-62-0 1,2,3,6-tetrahydro-3,6-methanophthalic anhydride	10-<25%
288-32-4 Imidazole	0.1-<1%

*** 4 First-aid measures**

· **Description of first aid measures**

· **General information:** Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· **After inhalation:**

Move to a place with fresh air and keep at rest.

In case of unconsciousness and call a doctor.

If transporting move stably into a side position for transportation.

· **After skin contact:**

Wash with soap and water.

If irritated or rash develops seek medical attention

· **After eye contact:**

Rinse opened eye for several minutes under running water.

Get medical attention

· **After swallowing:** Never Induce vomiting, immediately call a doctor.

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

*** 5 Fire-fighting measures**

· **Extinguishing media**

· **Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray.

Use fire fighting measures that suit the environment.

· **Special hazards arising from the substance or mixture** No further relevant information available.

· **Advice for firefighters** Wear self-contained breathing apparatus, if necessary

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Trade name: Durapot 862 Hardener

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· **Protective equipment:** Use personal protective equipment.

* 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

- **Protective Action Criteria for Chemicals**

- **PAC-1:**

25134-21-8 Acid Anhydride Complex: 0.49 mg/m³

288-32-4 Imidazole: 0.66 mg/m³

108-65-6 Ether: 50 ppm

98-82-8 Cumene: 50 ppm

- **PAC-2:**

25134-21-8 Acid Anhydride Complex: 5.4 mg/m³

288-32-4 Imidazole: 7.3 mg/m³

108-65-6 Ether: 1,000 ppm

98-82-8 Cumene: 300 ppm

- **PAC-3:**

25134-21-8 Acid Anhydride Complex: 32 mg/m³

288-32-4 Imidazole: 44 mg/m³

108-65-6 Ether: 5000* ppm

98-82-8 Cumene: 730 ppm

* 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Keep in sealed containers
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep sealed container(s) at room temperature
Recommended to keep in a cool, dry condition atmosphere.
- **Specific end use(s)** No further relevant information available.

* 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** Personal protection is required while machining this material. Use suitable face/eye/hand protection.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Do not eat or drink while working.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the skin.
Avoid contact with the eyes and skin.

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Trade name: Durapot 862 Hardener

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Do not eat or drink while working.

Do not inhale vapors or fumes.

· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Use suitable respiratory protective device in case of insufficient ventilation.

· **Protection of hands:** Impervious gloves

· **Penetration time of glove material**

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

· **Eye protection:**



Tightly sealed goggles

*** 9 Physical and chemical properties**

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Liquid

Color: Light yellow

· **Odor:** Low Odor

· **pH-value:** Not determined.

· **Change in condition**

Melting point/Melting range: Not Applicable.

Boiling point/Boiling range: Not applicable

· **Flash point:** >135 °C (>275 °F)

· **Flammability (solid, gaseous):** Not Applicable.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower: Not Applicable

Upper: Not Applicable.

· **Vapor pressure:** Not determined.

· **Density at 20 °C (68 °F):** 1.21 g/cm³ (10.1 lbs/gal)

· **Solubility in / Miscibility with**

Water: Not miscible or difficult to mix.

· **Viscosity at 20 °C (68 °F):** 320 cps (Brookfield Viscometer)

· **Solvent content:**

VOC content: 0.03 %
0.3 g/l / 0.00 lb/gal

· **Other information** No further relevant information available.

*** 10 Stability and reactivity**

· **Reactivity** No further relevant information available.

· **Chemical stability** Stable under recommended storage conditions.

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known.

· **Conditions to avoid** No further relevant information available.

· **Incompatible materials:** Acids, acid anhydrides, strong oxidizing agents

· **Hazardous decomposition products:** Carbon oxides, nitrogen oxides, hydrogen cyanide

Trade name: Durapot 862 Hardener

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* 11 Toxicological information

· Information on toxicological effects

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

25134-21-8 Acid Anhydride Complex

Oral LD50 915-958 mg/kg (Rat) (RTECS)
behavioral: /simnolence (general depressed activity) Kidney, Ureter, Bladder Nutritional and Gross metabolic weight gain or loss

Dermal LD50 4,290 mg/kg (Rat)

Behavioral Somnolence, lungs, t
horax, or respiration : other changes

Inhalative LC10 750 mg/m3 (Rat) (RTECS)
4 hours

288-32-4 Imidazole

Oral LD50 880 mg/kg (Mouse)

970 mg/kg (Rat)

· Primary irritant effect:

· On the skin: Irritating to skin.

· On the eye: Strong irritant with the danger of severe eye injury.

· Sensitization:

Sensitization possible through inhalation.

Sensitization possible through skin contact.

· Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Irritant

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

98-82-8 Cumene: 2B

· NTP (National Toxicology Program)

98-82-8 Cumene: R

· OSHA-Ca (Occupational Safety & Health Administration)

None of the materials are listed

* 12 Ecological information

· Toxicity

· Aquatic toxicity:

288-32-4 Imidazole

LC50/48 h (static) 280 mg/l (Golden orfe)

EC50/72 h (static) 133 mg/l (Scenedesmus subspicatus)

EC50/48 h 341.5 mg/l (Daphnia magna)

· Persistence and degradability No further relevant information available.

· Behavior in environmental systems:

· Bioaccumulative potential No further relevant information available.

· Mobility in soil No further relevant information available.

· Additional ecological information:

· General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

· Other adverse effects No further relevant information available.

* 13 Disposal considerations

· Waste treatment methods

· Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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Trade name: Durapot 862 Hardener

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· **Uncleaned packagings:**

· **Recommendation:** Dispose material in accordance with federal, state, local and international regulations.

*14 Transport information

· UN-Number	
· DOT, ADR, ADN, IMDG, IATA	Not Regulated for Transport
· UN proper shipping name	
· DOT, ADR, ADN, IMDG, IATA	Not Regulated for Transport
· Transport hazard class(es)	
· DOT, ADR, ADN, IMDG, IATA	
· Class	Not Regulated for Transport
· Packing group	
· DOT, ADR, IMDG, IATA	Not Regulated for Transport
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	Not Regulated for Transport

*15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture** No further relevant information available.
- **SARA**
- **Section 313 (specific toxic chemical listings):**
98-82-8 Cumene
- **Section 302 (extremely hazardous substance):**
None of the ingredients are listed
- **Section 304 (emergency release notification):**
None of the ingredients are listed
- **Sections 311/312 (hazards)**
25134-21-8 Acid Anhydride Complex: Acute
288-32-4 Imidazole: Chronic, Acute
64742-95-6 Solvent naphtha (petroleum), light arom.: Fire
- **TSCA (Toxic Substances Control Act):**
All components have the value ACTIVE.
- **Hazardous Air Pollutants**
98-82-8 Cumene
- **RCRA (Resource Conservation and Recovery Act)**
98-82-8 Cumene: U055
- **Proposition 65**
- **Chemicals known to cause cancer:**
98-82-8 Cumene
- **Chemicals known to cause reproductive toxicity:**
None of the materials are listed
- **Chemicals known to cause reproductive toxicity for females:**
None of the materials are listed
- **Chemicals known to cause reproductive toxicity for males:**
None of the materials are listed
- **Chemicals known to cause developmental toxicity:**
None of the materials are listed
- **Pennsylvania Right To Know Components**
25134-21-8 Acid Anhydride Complex
288-32-4 Imidazole
50995-95-4 Imidazole
64742-95-6 Solvent naphtha (petroleum), light arom.
- **Massachusetts Right To Know Components**
None of the materials are listed

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· **New Jersey Right To Know Components**

25134-21-8 Acid Anhydride Complex

288-32-4 Imidazole

50995-95-4 Imidazole

· **Rhode Island Right To Know Components**

None of the ingredients are listed

· **Minnesota Right To Know Components**

None of the ingredients are listed

· **Florida Right To Know Components**

None of the ingredients are listed

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

98-82-8 Cumene: D, CBD

· **TLV (Threshold Limit Value)**

None of the ingredients are listed

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

If non of the ingredients are listed

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS05 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**

Acid Anhydride Complex

1,2,3,6-tetrahydro-3,6-methanophthalic anhydride

· **Hazard statements**

H302+H332 Harmful if swallowed or if inhaled.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

· **Precautionary statements**

P260 Do not breathe fume.

P260 Do not breathe gas.

P260 Do not breathe vapours.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing must not be allowed out of the workplace.

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

P301+P310 If swallowed: Immediately call a doctor.

P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.

P302+P352 If on skin: Wash with plenty of soap and water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P342+P311 If experiencing respiratory symptoms: Call a doctor.

P362+P364 Take off contaminated clothing and wash it before reuse.

P404 Store in a closed container.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

16 Other information

To the best of our knowledge, the information contained herein is correct. Cotronics does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. We do not guarantee that the hazards described herein are the only hazards that exist.

· **Department issuing SDS:** Environment protection department.

· **Contact:** Dr. Alan Reznik

· **Date of preparation / last revision** 11/10/2021 / 16

(Contd. on page 8)

Printing date 11/10/2021

Revised on 10/15/2021

Trade name: Durapot 862 Hardener

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Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Resp. Sens. 1: Respiratory sensitisation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

*** Data compared to the previous version altered.**