



## SAFETY DATA SHEET

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

<b>Manufactured for:</b> HOWCO 1521 East Third Street Charlotte, NC 28204 1-800-633-3914	<b>Product Name:</b> Sealer 2.0 - T <b>Product Code:</b> 58010 <b>Recommended Use:</b> Drying Agent <b>Revision Date:</b> 3/23/2022
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**Chemical Emergency:** Chemtrec: 1-800-424-9300

**Production Dilution Information:** 0.1% Solution

### SECTION 2: HAZARDS IDENTIFICATION

#### GHS Hazard Classification

Serious Eye Damage/Eye Irritation	Category 1
Skin Irritant	Category 2
Flammable Liquid	Category 4

#### Product at Use Dilution

Not a hazardous substance.

#### Signal Word

**DANGER!**



#### Hazard Statements

Causes serious eye damage  
 Causes skin irritation  
 Combustible Liquid

#### Precautionary Statements - Prevention

Wear protective gloves and eye protection  
 Wash thoroughly after handling  
 Keep away from flames and hot surfaces – No smoking

#### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
 IF ON SKIN: Gently wash with plenty of soap and water  
 If skin irritation or a rash occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse  
 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction

#### Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool.

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

### SECTION 3: INFORMATION ON HAZARDOUS INGREDIENTS

*Product is a mixture according to 29 CFR 1910.1200.*

#### Hazardous Components

Hazardous Ingredients	Cas #	Weight %
Distillates (petroleum), straight-run middle	64741-44-2	15 - 20%
Quaternary ammonium compounds	61789-77-3	10 - 15%
Alkylamine ethoxylate	68155-39-5	0 - 5%
2-butoxyethanol	111-76-2	5 - 10%

*Specific chemical identity and/or exact percentage of components has been withheld in accordance with a trade secret claim according to Appendix E 29 CFR 1910.1200.*

**SECTION 4: FIRST-AID MEASURES****First Aid Measures**

- General Advice:** Keep out of reach of children. Use with care.
- Eye Contact:** May cause eye irritation. Avoid contact.
- Skin Contact:** May cause slight skin irritation.
- Ingestion:** May be harmful if ingested. Not meant to be ingested.
- Inhalation:** May be harmful if inhaled.

**Most Important Symptoms and Effects**

- Symptoms:** If exposed or concerned, get medical attention

**Indication of any immediate medical attention and special treatment needed**

- Note to Physician:** Treat symptomatically.

**Product at Use Dilution**

- Eye Contact:** Rinse with plenty of water.
- Skin Contact:** Rinse with plenty of water.
- Ingestion:** Rinse mouth. Get medical attention if symptoms occur.
- Inhalation:** Get medical attention if symptoms occur.

**SECTION 5: FIRE-FIGHTING MEASURES****Flammable Properties**

- Flammability:** Considered to be a fire hazard.
- Explosive Prop:** Not considered to be an explosive hazard.

**Extinguishing Media**

- Suitable:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific Hazards Arising from Chemical**

- Hazards:** During fire, gases hazardous to health may be formed.

**Protective equipment and precautions for fire-fighters**

- Fire-Fight Method:** In the event of a fire, fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

- Personal Precautions:** Evacuate personnel to safe areas. Isolate hazard area and deny entry. Stay upwind of spill/leak. Use personal protective equipment. Avoid contact with skin, eyes or clothing.
- Environ. Precautions:** Prevent release to the environment if possible. Dike large spills to prevent material from entering streams or sewer systems.
- Clean-Up Method:** Soak-up with inert absorbent material and place into appropriate container for disposal. Clean contaminated area thoroughly with water. Prevent product from entering drains.

**SECTION 7: HANDLING AND STORAGE**

- Handling:** Use personal protective equipment when needed. Avoid contact with skin, eyes, and clothing. Wash hands before eating, drinking, or smoking. Remove contaminated clothes and wash before reuse. Use in a ventilated area.
- Storage:** Store in closed containers in cool, dry, well-ventilated area. Avoid overheating or freezing. Keep in properly labeled containers and out of reach of children.
- Incomp. Materials:** Oxidizing agents. Avoid extreme temperatures.

**SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION****Exposure Guidelines**

Hazardous Chemical	OSHA PEL	ACGIH TLV
Distillates (petroleum), straight-run middle	No information available	No information available
Quaternary ammonium compounds	No information available	No information available

Alkylamine ethoxylate	No information available	No information available
2-butoxyethanol	50 ppm	20 ppm

**Appropriate Engineering Controls**

**Eng. Controls:** Ensure adequate ventilation, especially in confined areas.

**Personal Protection Equipment (PPE)**

**Eyes:** Recommend safety glasses.

**Respiratory:** Not usually necessary where ventilation is sufficient to maintain vapors under the TLV limit.

**Skin:** Avoid skin contact. Recommend chemical resistant gloves.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical State:</b>	Liquid	<b>Freezing Point:</b>	Not determined
<b>Appearance:</b>	Transparent	<b>Boiling Point:</b>	Not determined
<b>Color:</b>	Amber to colorless	<b>Evaporation Rate:</b>	Not determined
<b>Odor:</b>	Odorless	<b>Vapor Pressure:</b>	Not determined
<b>Odor Threshold:</b>	Not determined	<b>Vapor Density:</b>	Not determined
<b>pH:</b>	Not determined	<b>Relative Density:</b>	Not determined
<b>Flash Point:</b>	> 140° F, component data	<b>Flammability:</b>	Not determined
<b>Water Solubility:</b>	Soluble in water	<b>Explosive Limits:</b>	Not determined
<b>Viscosity:</b>	Not determined	<b>Part. Coefficient:</b>	Not determined
<b>Specific Gravity:</b>	0.94	<b>Auto-ignition Temp:</b>	Not determined
<b>Melting Point:</b>	Not determined	<b>Decomp. Temp:</b>	Not determined

**SECTION 10: STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable under ordinary conditions of use and storage.
<b>Haz. Decomposition:</b>	Thermal decomposition can lead to release of irritating and toxic gases and vapors.
<b>Haz. Polymerization:</b>	No information available.
<b>Incompatibilities:</b>	Oxidizing agents. Avoid extreme temperatures.
<b>Conditions to Avoid:</b>	Heat, moisture and incompatibles.

**SECTION 11: TOXICOLOGY INFORMATION****Component Information**

Hazardous Chemical	LD50 Oral	LD50 Dermal
Distillates (petroleum), straight-run middle	No information available	No information available
Quaternary ammonium compounds	No information available	No information available
Alkylamine ethoxylate	No information available	No information available
2-butoxyethanol	1,300 mg/kg (rat)	> 2,000 mg/kg (rat)

**Potential Health Effects**

**Exposure Routes:** Eye Contact, Dermal Contact, Ingestion, Inhalation

**Acute Toxicity:**

**Eyes:** Causes eye irritation with tearing, redness, and impaired vision.

**Skin:** Causes skin irritation, redness, and itching. May cause chemical burns.

**Ingestion:** Harmful if swallowed.

**Inhalation:** May cause respiratory irritation.

**Chronic Effects:** Avoid repeated exposure. May aggravate pre-existing medical conditions including eye, skin and respiratory disorders.

**Carcinogenicity:** Not listed as carcinogen by OSHA, NTP or IARC.

**SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicity**

Hazardous Chemical	Toxicity to Fish	Toxicity to Invertebrates
Distillates (petroleum), straight-run middle	No information available	No information available
Quaternary ammonium compounds	No information available	No information available
Alkylamine ethoxylate	No information available	No information available
2-butoxyethanol	1,474 mg/l (96 h: Oncorhynchus mykiss)	1,550 mg/l (48 h: water flea)

**Environmental Toxicity****Biodegradation:** No information available.**Persistence:** No information available.**Bioaccumulation:** No information available.**Mobility:** No information available.**SECTION 13: DISPOSAL CONSIDERATIONS****Waste Disposal:** Recover or recycle if possible. Disposal should be in compliance with applicable federal, state, and local regulations. Do not dispose of in the environment, in sewage, and/or in drains.**Container:** Drain contaminated container thoroughly. Do not reuse container.**SECTION 14: TRANSPORT INFORMATION***Transport in accordance with all federal, state, and local regulations.***DOT****Proper Name:** NA**Hazard Class:** NA**UN Number:** NA**Packing Group:** NA**Special Provisions:** Not regulated as a dangerous good.**SECTION 15: REGULATORY INFORMATION****US Federal Regulations****TSCA Status:** All components of this product are listed or exempt from listing on TSCA inventory.**CERCLA Reportable Quantity:** None**U.S. State Right-to-Know Regulations**

Hazardous Chemical	California Proposition 65
None	

**Section 311/312 Hazard Category**

<b>Acute Health Hazard:</b>	61789-77-3	Quat Ammonium Compounds	10 - 15%
	68155-39-5	Alkylamine ethoxylate	0 - 5%
	111-76-2	2-butoxyethanol	5 - 10%
<b>Chronic Health Hazard:</b>	No		
<b>Fire Hazard:</b>	61789-77-3	Quat Ammonium Compounds	10 - 15%
	111-76-2	2-butoxyethanol	5 - 10%
<b>Sudden Release of Pressure:</b>	No		
<b>Reactive Hazard:</b>	No		
<b>Section 313 Toxic Chemicals</b>	111-76-2	2-butoxyethanol	5 - 10%

**SECTION 16: OTHER INFORMATION****Prepared by:** Health and Safety Department**Contact Number:** 1-800-633-3914**Issue Date:** 7/31/2019**Revision Date:** 3/23/2022

**Revision Note:** Updated formulation - T version

**Version:** III

**Disclaimer:** The information provided in this Safety Data Sheet has been obtained from sources believed to be reliable. This information is offered for your information, consideration, and investigation. HOWCO cannot anticipate all conditions under which this information and its product may be used. 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. It is the user's responsibility to assume liability for loss, injury, damage or expense due to improper use.

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End of Safety Data Sheet