



Hummel Croton Inc.  
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South Plainfield, NJ 07080  
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Phone: 908-754-1800  
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In Case Of Emergency Call  
(U.S.) 800-424-9300  
(International) +1-813-248-3924

## Oxamide Safety Data Sheet

### 1. Product and Company

Product name: Oxamide  
Synonym: Oxalic Acid Amide, Ethane Diamide  
CAS-No.: 471-46-5  
Company: Hummel Croton Inc.  
10 Harmich Rd.  
South Plainfield, NJ 07080  
Telephone: 908-754-1800  
Fax: 908-754-1815

HMIS Rating	
Health	1
Flammability	0
Reactivity	0
Personal Protection	E

Emergency telephone number

Emergency Phone #: Chemtrec US: 800-424-9300  
ChemTel International: +1-813-248-0585

### 2. Hazards

#### GHS Label Elements

GHS Classification: Acute toxicity, Oral (Category 4), H302  
Skin irritation (Category 2), H315  
Eye irritation (Category 2A), H319

Pictogram(s)



Signal word **WARNING**

Hazard statement(s)

- H302 Harmful if swallowed.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.

Precautionary statement(s)

- P264 Wash skin thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P280 Wear protective gloves/ eye protection/ face protection.  
 P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.  
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P321 Specific treatment (see supplemental first aid instructions on this label).  
 P330 Rinse mouth.  
 P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
 P337 + P313 If eye irritation persists: Get medical advice/ attention.  
 P362 Take off contaminated clothing and wash before reuse.  
 P501 Dispose of contents/ container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC) or not covered by GHS

None.

### 3. Composition/Ingredients

Substance  
 Formula:  $\text{NH}_2\text{COCONH}_2$   
 Molecular weight: 88.08 g/mol  
 CAS-No.: 471-46-5

Material	CAS	%	OSHA	ACGIH
Oxamide	471-45-5	100%	15 mg/m <sup>3</sup> as Nuisance Dust	15 mg/m <sup>3</sup> as Nuisance Dust

### 4. First Aid

**First Aid For Eye:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

**First Aid For Skin:** In case of contact, flush skin with water. Wash clothing before reuse. Call a physician if irritation occurs.

**First Aid For Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**First Aid For Ingestion:** If swallowed, call a physician immediately.

### 5. Fire Data

Flammability: Non-Flammable

Flash Point: Not Applicable

Auto Ignition: Not Applicable

Flammable Limits: Not Applicable

Extinguishing Media: Water spray.

Fire Fighting Procedure: Firefighters should wear self-contained breathing apparatus, NIOSH-approved, to protect against possible hazardous decomposition products. Proper eye and skin protection should also be provided. Use water spray to keep fire-exposed containers cool.

Fire/Explosion Hazards: None

## **6. Accidental Release**

Spill Or Leak Procedures: Utilize recommended protective clothing and equipment. Clean spills in a manner that does not disperse dust into the air. Spill area can be washed with water. Collect wash water for approved disposal. Keep from entering water or ground water.

## **7. Handling And Storage**

Storage Temperatures: Store at ambient temperature

Shelf Life: Unlimited in tightly sealed container

Special Sensitivity: None.

Handling/Storage Precautions: Avoid breathing dust. Avoid getting in eyes or on skin. Wash thoroughly after handling. Store in a dry place away from direct sunlight, heat and incompatible materials. Reseal containers immediately after use. Store away from food and beverages.

## **8. Exposure Controls/Personal Protection**

Eye Protection: Safety glasses or goggles.

Skin Protection: PVC gloves with impervious boots, apron or coveralls. Wash hands and face before eating, drinking or using tobacco.

Respirator: Work ambient concentrations should be monitored and if the recommended exposure limit is exceeded, a NIOSH/MSHA approved dust respirator must be worn.

Ventilation: Use local ventilation if dusting is a problem, to maintain air levels below the recommended exposure limit.

Additional Measures: Emergency showers and eye wash stations should be available. Educate and train employees in the safe handling of hazardous chemicals.

## **9. Physical And Chemical Properties**

Physical Form: Powder

Color: White

Odor: Odorless

Molecular Weight: 88.08 g/mol

Boiling Point: Decomposes 419°C

Melting/Freezing Point: Decomposes 419°C

Solubility In Water: Negligible

Specific Gravity: 1.7

## **10. Stability And Reactivity**

Stability: Stable.  
Hazardous Polymerization: Will not occur.  
Incompatibilities: Strong oxidants  
Instable Conditions: Excessive temperatures (see incompatibilities).  
Decomposition Temperature: Decomposes 419°C  
Decomposition Products: Oxides of nitrogen and carbon.

## 11. Toxicological Information

RTECS Number: RO 4900000  
Routes of Exposure: Eye contact. Ingestion. Inhalation. Skin contact.  
Toxicity Data: Ipr-Mus LDLo 128 mg/kg  
Chronic Toxic Effects: This product has no known chronic effects. Repeated or prolonged exposure to this compound is not known to aggravate medical conditions.  
Acute Toxic Effects: Irritating to the skin and eyes on contact. Inhalation will cause irritation to the lungs and mucus membrane. Irritation to the eyes will cause watering and redness. Reddening, scaling, and itching are characteristics of skin inflammation. Follow safe industrial hygiene practices and always wear protective equipment when handling this compound.

## 12. Ecological Information

Ecotoxicity: Not available at this time.

## 13. Disposal Considerations

Waste Disposal Method: Waste disposal should be in accordance with existing federal, state and local environmental regulations.

## 14. Transportation Information

Proper Shipping Name: Oxamide  
UN Number: N/A  
Class: N/A  
P.G.: N/A  
Label Code: N/A

## 15. Regulatory Information

OSHA Status: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.  
TSCA Chemical Inventory: This compound is on the EPA Toxic Substance Control Act (TSCA) Inventory List  
California Proposition 65: To the best of our knowledge, this product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive effects.  
SARA 313 Title III:  
Section 320 Extremely Hazardous Substances: None  
Section 311/312 Hazardous Categories: None  
Section 313 Toxic Chemicals: None

## **16. Other Information**

Prepared By: Michael Richard

Date: March 21, 2018

Reason For Issue: Emergency Contact Update

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