Hummel Croton Inc.
10 Harmich Rd.
South Plainfield, NJ 07080
www.HummelCroton.com
Phone: 908-754-1800
Fax: 908-754-1815

In Case Of Emergency Call Chemtrec®
(U.S.) (800) 424-9300
(International) (703) 527-3887

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
Flammabilitiy	0
Reactivity	0
Personal Protection	E

Emergency telephone number

Emergency Phone #:	Chemtrec US: 800-424-9300 Chemtrec International: 703-527-3887

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: $NH_2COCONH_2$
Molecular weight: 88.08 g/mol
CAS-No.: 471-46-5

Material	CAS	%	OSHA	ACGIH
Oxamide	471-45-5	100%	15 mg/m^3 as Nuisance Dust	15 mg/m^3 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. Us 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 prolong 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: June 1, 2015
Reason For Issue: GHS Compliance

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