

EMERGENCY CONTACTS

Call Chemtrec: (800) 424-9300
 Outside of United States: (703) 527-3887

Section 1. Chemical Product Information

Product Name: **Azo-Cat™ 24**

AZON USA INC.
 2204 Ravine Road
 Kalamazoo, MI 49004-3516
 U.S.A.
 Tel: 269.385.5942

Section 2. Hazards Identification**HAZARD CLASSIFICATION**

Acute Toxicity (Oral) – Category 4
 Skin Corrosion - Category 1B
 Serious Eye Damage - Category 1
 Reproductive Toxicity – Category 1B
 Acute Aquatic Toxicity - Category 1

Hazard Statements

Harmful if swallowed.
 Causes severe skin burns and eye damage.
 May damage fertility or the unborn child.
 Very toxic to aquatic life.

Precautionary Statements**Prevention**

Avoid release to the environment.
 Collect spillage
 Do not handle until all safety precautions have been read and understood.
 Wear protective gloves/protective clothing/eye protection/face protection.

Response

IF SWALLOWED: Rinse mouth Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
 IF ON SKIN (OR HAIR): Immediately remove/take off all contaminated clothing. Rinse skin with water/shower.
 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Storage

Store in a well ventilated place. Keep container tightly closed. Avoid elevated temperatures. Reacts with copper, aluminum, zinc and their alloys.

Disposal

The product should not be allowed to enter drains, water courses or the soil.
 Do not contaminate ponds, waterways or ditches with chemical or used container.
 Hazardous waste.
 Dispose of contents/container in accordance with local regulation.

Label Elements/Hazard Pictograms

Signal Word: DANGER!

Section 3. Composition/Information on Ingredients

| Chemical Name | CAS Number | Concentration |
|----------------------|------------|---------------|
| Diisobutyl Phthalate | 84-69-5 | <60% |
| Cocodimethylamine | 61788-93-0 | <50% |

Section 4. First Aid Measures

| | |
|-----------------|---|
| General advice: | Immediate medical attention is required. Move out of dangerous area. Show this material safety data sheet to the doctor in attendance. Burns may occur several hours after the removal of the product. |
| Inhalation: | Obtain medical attention immediately. If breathed in, move person into fresh air. |
| Skin contact: | Take off contaminated clothing and shoes immediately. Wash skin immediately with 0,5 % acetic acid in water, and then with soap and water. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty. Skin irritation, if untreated, may be prolonged and serious (e.g., necrosis). This may be prevented by early treatment with medium strength corticosteroids. |
| Eye contact: | In case of contact with eyes, rinse immediately with 0.5% acetic acid in water for a few minutes, followed by rinsing with plenty of water. Get medical attention immediately. Continue to rinse during transport of patient. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. Small amounts splashed into eyes can cause irreversible tissue damage and blindness. |
| Ingestion: | Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Take victim immediately to hospital. Do not induce vomiting! May cause chemical burns in mouth and throat. |

Section 5. Fire Fighting Measures

| | |
|----------------------|---|
| Extinguishing media: | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. DO NOT use high volume water jet |
| Specific hazards: | Treat as oil fire. Do not use a solid water stream as it may scatter and spread fire. Water spray may be ineffective unless used by experienced firefighters. Do not allow run-off from firefighting to enter drains or water courses. |
| Combustion products: | Carbon oxides Nitrogen oxides (NOx) |
| Special PPE: | Wear self-contained breathing apparatus and protective suit. |
| Further information: | Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |

Section 7. Handling and Storage

Safe handling: For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.

Storage and containers: Keep container tightly closed in a dry and well-ventilated place.
Avoid elevated temperatures.
Reacts with copper, aluminum, zinc and their alloys

Other data: No decomposition if stored and applied as directed.

Section 8. Personal Protection

Exposure Guidelines- Contains no substances with occupational exposure limit values.

Engineering measures- Provide eyewash station and safety shower. Keep solutions of 0.5% acetic acid in water close at hand. Effective exhaust ventilation system

Eye/face protection: Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Hand protection: Glove material: Nitrile rubber
Glove material: butyl-rubber

Skin and body protection: Protective suit

Respiratory protection: In the case of vapor or aerosol formation use a respirator with an approved filter.
Wear full face mask supplied with combination filter/ABEKP.

Hygiene measures: Avoid contact with skin, eyes and clothing.
When using do not eat or drink.
When using do not smoke.
Dry-clean contaminated clothing before reuse.

Section 9. Physical and Chemical Properties

Physical form: Liquid
Color: Clear, colorless to pale yellow
Odor: Amine-like, fishy
Solubility in water: Insoluble
Specific gravity: 0.94
Bulk Density: 7.8 lb./gal
pH: Not determined

Section 10. Stability and Reactivity

Conditions to avoid: Extremes of temperature and direct sunlight.

Materials to avoid: Reacts with copper, aluminum, zinc and their alloys
Oxidizing agents
Acids

Hazardous decomposition: No hazardous decomposition products are known.

Reactivity: Stable under normal conditions.

Chemical stability: Stable under recommended storage conditions.

Hazardous reactions: No dangerous reaction known under conditions of normal use.

Section 11. Toxicological InformationToxicology Data for the Ingredient: Cocodimethylamine

Acute oral toxicity: LD50: > 300 - 2,000 mg/kg
Species: rat

Skin irritation: Species: rabbit
Result: Causes burns.

Carcinogenicity: No ingredient 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, NTP, ACGIH.

Toxicology Data for the Ingredient: Diisobutyl Phthalate

Acute toxicity: LD50 (Dermal): 10,000 mg/kg
Species: guinea pig
LD50 (Oral): 15,000 mg/kg
Species: rat

Skin irritation: Species: rabbit
Result: None.

Teratogenicity: Suspected human reproductive toxicant.

Carcinogenicity: No ingredient 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, NTP, ACGIH.

Section 12. Ecological InformationEcotoxicity Data for the Ingredient: Cocodimethylamine

Toxicity to fish: LC50: > 0.1 - 1 mg/l
Exposure time: 96 h
Species: Fish

Toxicity to daphnia and other aquatic invertebrates:
EC50: > 10 - 100 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)

Toxicity to algae: IC50: > 0.1 - 1 mg/l
Exposure time: 72 h
Species: algae

M-Factor: 1

Biodegradability: Result: Readily biodegradable.
Method: OECD Test Guideline 301D

Ecotoxicity Data for the Ingredient: Diisobutyl Phthalate

Acute toxicity: LC50 / 96 hours fathead minnow: 0.73 mg/L

Toxicity to aquatic plants: EC50 / 72 hours green algae: 1 mg/L

Biodegradability: Result: Readily biodegradable.

Section 13. Disposal Considerations

Under RCRA it is the responsibility of the user of products to determine, at the time of disposal, whether a product meets any of the criteria for a hazardous waste. Waste must be disposed of in accordance with local, state and federal regulations.

Section 14. Transportation information**DOT (Domestic Surface)**

Proper Shipping Name: Amines, liquid, corrosive, n.o.s (Alkylamines)
Hazard Class or Division: 8
UN/NA Number: UN 2735
Packaging Group: III
Hazard Label: Corrosive (8)
Hazard Placard: Corrosive (8)
Marine Pollutant: Yes

Section 15. Regulatory information

Notification status

TSCA: YES. All chemical substances in this product are either listed on the TSCA Inventory or in compliance with a TSCA Inventory exemption.

DSL: YES. All components of this product are on the Canadian DSL.

OSHA Hazards: Toxic by ingestion, Corrosive to skin, Corrosive to eyes, Corrosive to respiratory system

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity- This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity- This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards- Acute Health Hazard

SARA 302- No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313- This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Section 16. Other information

HMIS Classification: Health Hazard: 3
Flammability: 1
Physical Hazards: 0

NFPA Classification: Health Hazard: 3
Fire Hazard: 1
Reactivity Hazard: 0

Reason for issue: GHS Format Update
Prepared by: NH/SB
Version date: 4/23/2015

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