

Safety Data Sheet International (GHS)

1. CHEMICAL PRODUCT IDENTIFICATION

Product Name : Technicure™ AH-300
Uses : Epoxy Curing Agent / Accelerator
Restriction on Use : None Identified

Manufacturer/Supplier Name & Address: A&C Catalysts, Inc
1600 W Blancke St
Linden, NJ 07036
Tel: 908-474-9393
Fax: 908-474-9388

**For Chemical Emergency
Spill Leak Fire Exposure or Accident
Call CHEMTREC Day or Night DOMESTIC NORTH AMERICA 800-424-9300
INTERNATIONAL, CALL 703-527-3887 (collect calls accepted)
For further information about this SDS:
Email: info@ac-catalysts.com**

2. HAZARD(S) IDENTIFICATION

HAZARD SYMBOL:



WARNING

GHS CLASSIFICATION: Acute toxicity-Oral: Category 5
Acute toxicity-Dermal: Category 5
Skin corrosion/irritation: Category 3
Eye damage irritation: Category 2B
Toxic to Reproduction: Category 2
Specific target organ systemic toxicity -Single exposure: Category 2
<respiratory>

HAZARD STATEMENTS: **H303** May be harmful if swallowed
H313 May be harmful in contact with skin
H316 Causes mild skin irritation
H320 Causes eye irritation
H341 Suspected of damage fertility or the unborn child
H332 May cause damage to organs <respiratory>

PREVENTION **P201** Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P281 Use personal protective equipment as required.
P270 Do not eat, drink or smoke when using this product.
P264 Wash hands thoroughly after handling.
P260 Do not breathe dust/fume/gas/mist/vapors/spray.

RESPONSE: **P312** Call a Poison Center/doctor/physician if you feel unwell.
P301 + P310 If exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P332 + P313 If skin irritation occurs, seek medical advice/attention.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists, get medical advice/attention. Wash hands after handling.

P314 + P352 Get medical attention/advice if you feel unwell.

STORAGE: Store container tightly closed in cool/well-ventilated place and locked up.
DISPOSAL: Dispose of contents/container in accordance with regulations

3. COMPOSITION

Mixture:

1. Mixture or Single Substance: Single Substance

CHEMICAL NAME	CAS No.	INGREDIENTS	TSCA	EINECS
Amine adduct with epoxy resin	134091-76-2	≥ 80wt%	Listed	Polymer
Dicyandiamide	461-58-5	<20 wt%	Listed	207-312-8

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

4. FIRST AID MEASURES

EYE: Direct Contact: Rinse for at least 15 minutes

SKIN: Remove Contaminated Clothing and wash with soap and water

If Inhaled: Remove from exposure immediately to fresh air. Wash out mouth (gargle throat if possible) with water sufficiently. Keep warm, and seek medical attention if effects persist.

INGESTION: Induce vomiting seek Medical Attention,

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: No relevant information found..

CANCER INFORMATION: This material does not contain >0.1% of any chemical listed by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or regulated by the Occupational Safety and Health Administration (OSHA) as a carcinogen.

TERATOLOGY (BIRTH DEFECTS): No relevant information found.

REPRODUCTIVE EFFECTS: No relevant information found.

4. FIRST AID

EYE: Flush eyes with plenty of water; mechanical effects only.

SKIN: Wash off in flowing water or shower.

INGESTION: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

INHALATION: Remove to fresh air if effects occur. Consult a physician.

NOTE TO PHYSICIAN: No specific antidote. **Supportive care.** Treatment based on judgment of the physician in response to reactions of the patient

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: >250 Degrees F. **METHOD USED:** Setaflash Closed Cup.

AUTOIGNITION TEMPERATURES: Not Available.

FLAMMABLE LIMITS

LFL: Not Available.

UFL: Not Available.

HAZARDOUS COMBUSTION PRODUCTS: Under fire conditions polymers decompose. The smoke may contain polymer fragments of varying compositions in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to phenolics, carbon monoxide, and carbon dioxide.

OTHER FLAMMABILITY INFORMATION: Dense smoke is emitted when burned without sufficient oxygen

EXTINGUISHING MEDIA: Foam, water, carbon dioxide, dry chemical.

FIRE FIGHTING INSTRUCTIONS: Keep people away. Isolate fire area and deny unnecessary entry. If material is molten, do not apply direct water stream. Use fine water spray or foam. Soak thoroughly with water to cool and prevent re-ignition. Cool surroundings with water to localize fire zone. Hand held carbon dioxide or dry chemical extinguishers may be used for small fires.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: Wear positive-pressure, self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, pants, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES (See Section 15 for Regulatory Information)

PROTECT PEOPLE: Clear non-emergency personnel from area. Isolate area. Avoid contact with eyes. Avoid contact with skin and clothing.

PROTECT THE ENVIRONMENT: Keep out of irrigation ditches, sewers and water supplies.

CLEANUP: Transfer to suitable and properly labeled containers. See Section 13, Disposal Considerations

7. HANDLING AND STORAGE

HANDLING: Good housekeeping is necessary for safe handling of product.

STORAGE: Store in a dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION: Use safety glasses or, wear chemical goggles.

SKIN PROTECTION: No precautions other than clean body-covering clothing should be needed.

RESPIRATORY PROTECTION: In dusty atmospheres, use an approved dust respirator.

EXPOSURE GUIDELINE (S): None established.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Fine powder, pale yellow to pale brown
ODOR	Slightly characteristic odor
pH	Alkaline
VOLATILIZATION POINT	Not volatile(25°C)
MELTING POINT	100-125 °C
SPECIFIC GRAVITY	1.21
WATER Solubility	Not Soluble
Other information: Amounts specified are typical and do not represent a specification	

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under recommended storage conditions.

See Storage, Section 7.

CONDITIONS TO AVOID: Product can decompose at elevated temperatures.

INCOMPATIBILITY WITH OTHER MATERIALS: Avoid unintended contact with epoxies. Avoid contact with oxidizing materials, e.g. peroxides and perchlorates and permanganates.

HAZARDOUS DECOMPOSITION PRODUCTS: Uncontrolled exothermic reaction of epoxy resins release phenolics, carbon monoxide, and water. Hazardous decomposition products depend upon temperature, air supply and the presence of other materials.

HAZARDOUS POLYMERIZATION: Will not occur by itself

11. TOXICOLOGICAL INFORMATION

Caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.

Information on likely routes of exposure:

General: No Additional Information

Eyes: May cause eye irritation.

Skin: May cause skin irritation. Repeated or prolonged contact may cause skin irritation and dermatitis.

Inhalation: Dust inhalation may cause respiratory irritation. Prolonged or repeated inhalation of dust can cause respiratory tract irritation.

Ingestion: Ingestion may cause irritation.

Acute toxicity information: Not classified (based on available data, the classification criteria are not met).

Oral LD50, Rat: >2000 mg/kg. Based on data from similar material(s). **Dermal LD50, Rabbit:** >2000 mg/kg. Based on data from similar material(s).

Corrosion/Irritation/Sensitization information:

Skin corrosion/irritation: Not classified (based on available data, the classification criteria are not met). Skin irritation: mild irritation. (literature values).

Serious eye damage/irritation: Not classified (based on available data, the classification criteria are not met).

Eye irritation: mild irritation. (literature values).

Respiratory or skin sensitization: Not classified.

Carcinogenicity/Mutagenicity/Reproductive toxicity information:

Carcinogenicity: Not classified.

Germ cell mutagenicity: Not classified.

Reproductive toxicity: Not classified.

Specific target organ toxicity (STOT): single exposure: Not classified

12. ECOLOGICAL INFORMATION

Ecotoxicity: Freshwater Fish Toxicity - 96 hour LC50: >100 mg/L, based on modeling estimates. Freshwater

Invertebrate Toxicity - 48 hour EC50: >100 mg/L, based on modeling estimates.

Persistence and degradability: Not expected to be readily biodegradable.

Bioaccumulative potential: Log Pow=0.77 (modeling estimate).

Mobility in soil: KOC=154 (modeling estimate).

Other adverse effects: No Additional Information

13. DISPOSAL CONSIDERATIONS

DISPOSAL: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO

ANY BODY OF WATER. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations.

Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

14. TRANSPORT INFORMATION

IATA:

UN NUMBER: Not classified

UN PROPER SHIPPING NAME: Not classified

CLASS OR DIVISION: Not classified

PACKING GROUP: Not classified

MARINE POLLUTANT: Not classified

Inspect containers for leaks prior to transport.

Protect against physical damage.

15. REGULATORY INFORMATION

EU ADDITIONAL CLASSIFICATION and Risk Phrase

Not Classified as a hazardous Substance.

INVENTORY INFORMATION

(Not meant to be all-inclusive--selected regulations represented)

United States (USA): All components of this product are included on the TSCA Chemical Inventory or are not required to be listed on the TSCA Chemical Inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): All substances in this product are listed on the Canadian Domestic Substances List (DSL), NDSL or are not required to be listed.

European Union (EU): All components of this product are included on the European Inventory of Existing Chemical Substances (EINECS), are considered to be a Polymer or are not required to be listed on EINECS.

Australia: Components of this product may have not yet been included in the Australian Inventory of Chemical Substances (AICS) or assessed by Worksafe Australia.

Japan: All components of this product are included on the Japanese (ENCS) inventory or are not required to be

listed on the Japanese inventory.

Korea: All components of this product are included on the Korean (ECL) inventory.

16. OTHER INFORMATION

History

Revision date : March 11, 2015

Version : 2

MSDS prepared by : Martin Czebotar

Authorization : Abraham Goldstein

The statements made here are supposed to describe the product with regard to necessary safety precautions. They do not guarantee special characteristics and are made to the best of our current knowledge
