Safety Data Sheet
EC-Legislation 91/155/EEC

Company Name & Address: A&C Catalysts, Inc
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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)

1. CHEMICAL PRODUCT IDENTIFICATION

Product Name: Technirez™ GAN CAS No.: 2095-06-9
Common Chemical Name : N, N Diglycidyl Aniline

2. HAZARD(s) IDENTIFICATION

Classification of the substance or mixture:

GHS product classification :

Harmful if swallowed:	**Acute toxicity**	**4 (Oral)**
Harmful if contact with skin:	**Acute toxicity**	**4 (Dermal)**

GHS product labeling:

Hazard pictograms:

Signal word(s): **Danger** **Warning.**

Hazard statements:

H302	Harmful if swallowed
H312	Harmful if contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H351	Suspected of causing cancer.
H401	Toxic to aquatic life

Precautionary statements:

P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves.
P302+P352 IF ON SKIN:	Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P501	Dispose of contents/container in accordance with local, regional and international regulations.

Notes: **No Additional Information**

Classification and hazards statements are listed according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS). Regulations in individual countries/regions may determine which classifications and hazard statements are applicable based on adopted hazard classes and categories. Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS) - Annex III. Regulations in individual countries/regions may determine which statements are required on the product label. See product label for specifics.

Other hazards: None

See Section 11 for toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name:	Composition %	CAS No.	EC No.
N,N-Bis(2,3-epoxypropyl)aniline	100%	2095-06-9	218-259-5

4. FIRST AID MEASURES

EYE: CORROSIVE - Direct contact with eyes may cause severe burns and may cause permanent damage, including blindness.
SKIN: CORROSIVE - May Cause skin burning. Contact may cause skin sensitization, an allergic reaction which becomes evident on re-exposure.
INGESTION: Ingestion may burn the mouth nose and stomach.
INHALATION: Inhalation of vapor or aerosol may cause severe irritation to respiratory tract, nose throat and lungs. Inhalation of vapor may cause central nervous system depression with symptoms that include headache, nausea, impaired judgment, confusion, blurred vision, or dizziness.
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

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Yellow to Brown Liquid.
MOLECULAR WEIGHT:	205
FREEZING POINT:	-37C
VAPOR PRESSURE:	Not available
VAPOR DENSITY:	9 (air=1)
BOILING POINT:	00C
SOLUBILITY IN WATER:	>0.1%
SPECIFIC GRAVITY:	1.173

1O. 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 permaganates.
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

TOXICOLOGICAL INFORMATION (See Section 3 for Potential Health Effects.

SKIN: The LD50 for skin absorption in rabbits for similar compounds is 3560 mg/kg.
INGESTION: The LD50 for rats for similar compounds is 1620 mg/kg.
MUTAGENICITY: Some similar resins have shown mutagenic activity in vitro tests, while others have not.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE MOVEMENT & PARTITIONING: No relevant information found.

DEGRADATION & PERSISTENCE: Based largely or completely on information for similar material. Based on the stringent test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.
ECOTOXICITY: Based largely or completely on information for similar material. Material is moderately toxic to aquatic invertebrates on an acute basis (LC50/EC50 between 1 and 10 mg/L).

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

DEPARTMENT OF TRANSPORTATION (D.O.T.) and CANADIAN TDG INFORMATION:
UN3082, Environmentally Hazardous Liquid n.o.s, (N, N - diglycidylaniline), Hazard Class 9, PG III

Land - Road/Railway
ADR/RID Class : N/A
ADR/RID Item Number : N/A

Inland - Waterways
ADNR Class : N/A

Sea
IMDG Class : N/A
IMDG Page Number : N/A

Air
IATA - DGR Class : N/A

National Transport Regulations : N/A

Comment : None

15. REGULATORY INFORMATION

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UNITED STATES REGULATORY INFORMATION
SARA LISTED: No
TSCA INVENTORY ITEM: Yes
CANADA REGULATORY INFORMATION
WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the SDS contains all the information required by the CPR.

16. OTHER INFORMATION

History
Revision date : March 16, 2015
Version : 3
:
SDS prepared by: Martin Czebotar

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