

SAFETY DATA SHEET

CS01cALqCT0A030

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

MANUFACTURER – Curapipe System Ltd.

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- ◆ PRODUCT NAME – A
- ◆ PACKAGE NAME – CS01cALqCT0A030
- ◆ PRODUCT CLASS – Hardener for epoxy resin.
- ◆ Revised: September 2021

2. HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008:

H290: May be corrosive to metals

H302: Harmful if swallowed

H312: Harmful in contact with skin

H314: Causes severe skin burns and eye damage

H319: Causes serious eye irritation

H332: Harmful if inhaled

H335: May cause respiratory irritation

H402: Harmful to aquatic life

H412: Harmful to aquatic life with long-lasting effects

H317: May cause an allergic skin reaction

Pictogram:



Signal word:

Danger

Other hazards:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Rapidly absorbed through skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CLASSIFIED INFORMATION



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4. FIRST AID MEASURES

After skin contact:

Immediately remove contaminated clothing, remove the excess, wash with plenty of water and soap and rinse with water accurately. In case of accident, seek medical advice.

After eye contact:

Rinse immediately with plenty of water for at least 15 minutes. In case of accident seek medical advice.

After swallowing:

Do not induce vomiting. Seek medical attention.

After inhalation:

Remove from the contaminated area move person into fresh air. If necessary, give artificial respiration. Oxygen may be given by qualified personnel if breathing is difficult. Seek medical advice.

5. FIRE-FIGHTING MEASURES

Cool endangered containers with water spray jet.

Suitable extinguishing media: foam, extinguishing powder, carbon dioxide.

Special exposure hazards arising from the product itself, from combustion products or from resulting gases.

In case of fire nitrogen gas and carbon monoxide can be formed.

Special protective equipment for fire fighters.

Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Individual precautions:

Use protective clothing, and use breathing equipment if the area is narrow. Keep away any ignition source.

Environmental precautions:

Keep the product away from superficial and underground water. Prevent product entering waters or drainage system, or polluting soil or plants.

Cleaning procedures:

Soak up with inert material in accordance with law regulations. Wash with water and detergents.

7. HANDLING AND STORAGE

Handling – Use personal protection. Provide adequate ventilation. Avoid vapors inhalation.

Explosion – No special measures required.

Storage – Store in well ventilated area, in closed containers. The product is sensitive to CO₂ and humidity. Keep away from heat, sparks and flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Working area – should be well ventilated.

Eye/face protection - wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.

Skin protection - use protective clothing, exercising reasonable personal cleanliness

Hand protection - appropriate protection (e.g. gloves, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin. Wash hands at the end of each work session.

Respiratory protection - necessary in case the area is not well ventilated (mask with adequate



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filters) Protective equipment should comply with the requirements of European or national legislation.
9. <u>PHYSICAL AND CHEMICAL PROPERTIES</u> Physical state: Liquid Color: Clear Odor: Amine like Boiling point/Boiling range: 205 °C Flash point: > 197 °C Density @ 20 °C: 0.97 g/cm ³ Vapor pressure @ 20 °C: 0.5 hPa Solubility in water: partially Solubility in organic solvents: soluble Flammability limits (% in volume): NA
10. <u>STABILITY AND REACTIVITY</u> Stable under normal conditions. Materials to avoid: acids, strong oxidizers, aldehydes, ketone, organic halides. Hazardous decomposition products: in case of fire the product may develop toxic gas as nitrous gas, carbon monoxide, etc.
11. <u>TOXICOLOGICAL INFORMATION</u> LD/LC50 values that are relevant for classification: 111-40-0 diethylenetriamine (DETA): Oral LD50 1080 mg/kg (rat) Dermal LD50 1090 mg/kg (rabbit) 100-51-6 Benzyl alcohol: Oral LD50 1230 mg/kg (rat) Dermal LD50 2000 mg/kg (rabbit) 80-05-7 bisphenol A: Oral LD50 3250 mg/kg (rat) Dermal LD50 3000 mg/kg (rabbit) Ingestion: May cause burns of mouth and throat. Skin absorption: Irritating to skin. Inhalation: Vapor is irritating and may cause lung damage. Skin contact:



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<p>May cause chemical burns and develop skin allergy.</p> <p>Eye contact:</p> <p>May cause severe irritation with corneal injury, which may result in permanent impairment of vision, even blindness.</p>
<p>12. <u>ECOLOGICAL INFORMATION</u></p> <p>This product is not biodegradable.</p> <p>Do not empty into drains.</p> <p>Do not allow large quantities of product to reach ground water, drinking water systems.</p>
<p>13. <u>DISPOSAL CONSIDERATIONS</u></p> <p>Dispose of in accordance with local and national regulations.</p>
<p>14. <u>TRANSPORT INFORMATION</u></p> <p>ADR/RID:</p> <p>UN Number 2735</p> <p>Packaging group III</p> <p>Label 8</p> <p>Proper Shipping Name: 2735 Amines, Liquid, Corrosive, n.o.s.</p> <p>IATA:</p> <p>IATA class 8</p> <p>UN Number 2735</p> <p>Packaging group III</p> <p>Label 8</p> <p>Proper Shipping Name: 2735 Amines, Liquid, Corrosive, n.o.s.</p>
<p>15. <u>REGULATORY INFORMATION</u></p> <p>National regulatory information – no information available.</p> <p>International legislation/requirements – no information available.</p>
<p>16. <u>OTHER INFORMATION</u></p> <p>Training - workers must be trained in the proper use and handling of this product as required under applicable regulations.</p> <p>Restrictions on use - only for industrial use.</p>



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DISCLAIMER

While the information and recommendations in these publications are to the best of our knowledge, information and belief accurate at the date of publication. NOTHING HERIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.

IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.

THE PRODUCT MAY BE HAZARDOS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST

Hazards, toxicity and behavior of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behavior should be determined by the user and made known to handlers, processors and end users.

Enquiries should be addressed to :

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