

**MATERIAL SAFETY DATA SHEET**

<b>Product Name</b>	<b>ANTHRACENE PURE</b>
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**1. Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

Trade name : ANTHRACENE PURE

Product code : A0274

Identification of the product: ANTHRACENE PURE

CAS No : 120-12-7

**1.2 Relevant identified uses of the substance or mixture and uses advised**

againstUse: Industrial. For professional use only.

**1.3 Details of the supplier of the safety data sheet**

Company identification: CYNOR

National industry, Pipodra GIDC, Surat-394110, Gujarat, India.

Email: cynorlaboratories@gmail.com Mobile No.: +91 8799070507

**2. Hazards identification -DSD**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation H315

Category 2

Serious eye damage/eye

H319irritation, Category 2

Specific target organ

toxicity — Single

exposure, Category 3,

Respiratory tract irritation H335

Hazardous to the aquatic

environment — Chronic H410

Hazard, Category 1

Full text of hazard classes and H-statements : see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

Xi; R36/37/38

N; R50/53

Adverse physicochemical, human health and environmental effects

No additional information available

**2.2 Label element**

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to displayExtra classification(s) to display

Hazard pictograms



Signal word : Warning

**Hazard statements :** H315 - Causes skin irritation.H319 -

Causes serious eye irritation.

H335 - May cause respiratory irritation.

H410 - Very toxic to aquatic life with long lasting effects.

**Precautionary statements :** P261 - Avoid breathing vapours, dust, fume, gas.P273  
- Avoid release to the environment.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P501 - Dispose of contents/container to an approved waste disposal plant

### **2.3 Other hazards**

This substance/mixture meets the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### **3. Composition/information on ingredients**

**Substance / Preparation:** ANTHRACENE

CAS No :120-12-7

Substance.

Contains no other components or impurities which will influence the classification of the product.

### **4. First aid measures**

#### **4.1 Description of first aid measures**

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

First-aid measures after skin contact : Wash with plenty of water/.... Wash contaminated clothing before reuse. Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention. First-aid measures after ingestion : Rinse mouth. Do not induce vomiting.

#### **4.2 Most important symptoms and effects, both acute and delayed**

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : Causes skin irritation.

Symptoms/effects after eye contact : Causes serious eye irritation.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

### **5. Fire-fighting measures**

#### **5.1 Extinguishing media**

**Suitable extinguishing media :** Carbon dioxide. Dry powder. Foam. Water spray

**Unsuitable extinguishing media :** Do not use a heavy water stream

#### **5.2 Specific hazards arising from the substance or mixture**

No additional information available

#### **5.3 Advice for fire-fighters**

Protection during firefighting : Do not enter fire area without proper protective equipment, including Respiratory protection.

**6. Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

**For emergency responders:**

Protective equipment: Use personal protective equipment as required.

Emergency procedures: Ventilate area.

**For non-emergency personnel:**

Emergency procedure: Evacuate unnecessary personnel

**6.2 Environmental precautions**

Avoid release to the environment

**6.3 Methods and material for containment and cleaning up**

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers.

**6.4 Reference to other sections**

No additional information available

**7. Handling and storage**

**7.1 Precautions for safe handling**

Precautions for safe handling : Avoid contact with skin and eyes. Use only outdoors or in a well-ventilated area. Do not breathe vapours.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

**7.2 Conditions for safe storage, including any incompatibilities**

Storage conditions: Keep container tightly closed. Store in a well-ventilated place.

**7.3 Specific end use(s)**

No additional information available

**8. Exposure controls/personal protection**

**8.1 Control parameter**

No additional information available

**8.2 Exposure control**

Hand protection : protective gloves

Eye protection : Chemical goggles or safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : [In case of inadequate ventilation] wear respiratory protection.

**9. Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Odour threshold** : No data available

**pH** : No data available

**Relative evaporation rate (butylacetate=1)** : No data available

**Melting point** : 214 - 216 °C

**Freezing point** : No data available

**Boiling point** : 340 °C

**Flash point** : 121 °C

**Auto-ignition temperature** : 540 °C

**Decomposition temperature** : No data available

**Flammability (solid, gas) :** No data available

**Vapour pressure :** 1 mm Hg at 145°C

**Relative vapour density at 20 °C :** 6.15

**Relative density :** No data available

**Density :** 1.24 g/cm<sup>3</sup>

**Solubility :** Water: Insoluble in water

**Log Pow :** 4.45

**Viscosity, kinematic :** No data available

**Viscosity, dynamic :** No data available

**Explosive properties :** No data available

**Oxidising properties :** No data available

**Explosive limits :** ≥ 0.006 vol %

#### **9.2 Other information**

No additional information available

#### **10. Stability and reactivity**

##### **10.1 Reactivity**

No additional information available

##### **10.2 Chemical stability**

Stable under normal conditions.

##### **10.3 Possibility of hazardous reactions**

No additional information available

##### **10.4 Conditions to avoid**

Direct sunlight. Moisture. Air contact

##### **10.5 Incompatible materials**

No additional information available

##### **10.6 Hazardous decomposition products**

No additional information available

#### **11. Toxicological information**

##### **11.1 Information on toxicological effects**

Acute toxicity : Not classified

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

#### **12. Ecological information**

##### **12.1 Toxicity**

Ecology - water : Very toxic to aquatic life with long lasting effects.

## **12.2 Persistence – degradability**

Persistence and degradability May cause long-term adverse effects in the environment.

## **12.3 Bioaccumulative potential**

Log pow 4.45

## **12.4 Mobility in soil**

No additional information available

## **12.5 Results of PBT and vPvB assessment**

This substance/mixture meets the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## **12.6 Other adverse effects**

No additional information available

## **13. Disposal considerations**

### **13.1 Waste treatment methods**

Product/Packaging disposal recommendations

: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## **14. Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

### **14.1 UN number**

UN-No. (ADR) : 3077

UN-No. (IMDG) : 3077

UN-No. (IATA) : 3077

UN-No. (ADN) : 3077

UN-No. (RID) : 3077

### **14.2 UN proper shipping name**

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Proper Shipping Name (IATA) : Environmentally hazardous substance, solid, n.o.s. Proper

Shipping Name (ADN) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Proper Shipping Name (RID) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Transport document description (ADR) : UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III,

(-)

Transport document description (IMDG) : UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III,

MARINE POLLUTANT

Transport document description (IATA) : UN 3077 Environmentally hazardous substance, solid, n.o.s., 9, III

Transport document description (ADN) : UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III

Transport document description (RID) : UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III

**14.3 Transport hazard class(es)**

**ADR:** Transport hazard class(es) (ADR) : 9

Danger labels (ADR) : 9

**IMDG :** Transport hazard class(es) (IMDG) : 9

Danger labels (IMDG) : 9

**IATA:** Transport hazard class(es) (IATA) : 9

Hazard labels (IATA) : 9

**ADN:** Transport hazard class(es) (ADN) : 9

Danger labels (ADN) : 9

**RID:** Transport hazard class(es) (RID) : 9

Danger labels (RID) : 9

**14.4 Packing group**

Packing group (ADR) : III

Packing group (IMDG) : III

Packing group (IATA) : III

Packing group (ADN) : III

Packing group (RID) : III

**14.5 Environmental hazards**

Dangerous for the environment : Yes

Marine pollutant : Yes

Other information : No supplementary information available

**14.6 Special precautions for user**

**Overland transport**

Classification code (ADR) : M7

Special provisions (ADR) : 274, 335, 375, 601

Limited quantities (ADR) : 5kg

Excepted quantities (ADR) : E1

Packing instructions (ADR) : P002, IBC08, LP02, R001

Special packing provisions (ADR) : PP12, B3

Mixed packing provisions (ADR) : MP10

Portable tank and bulk container instructions (ADR) : T1, BK1, BK2, BK3

Portable tank and bulk container special

provisions (ADR) : TP33

Tank code (ADR) : SGAV, LGBV

Vehicle for tank carriage : AT

Transport category (ADR) : 3

Special provisions for carriage – Packages (ADR) : V13

Special provisions for carriage – Bulk (ADR) : VC1, VC2

Special provisions for carriage - Loading, unloading and handling (ADR) : CV13

Hazard identification number (Kemler No.) : 90

Orange plates :

Tunnel restriction code (ADR) : - EAC code : 2Z

**- Transport by sea**

Special provisions (IMDG) : 274, 335, 966, 967, 969

Limited quantities (IMDG) : 5 kg

Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : LP02, P002

Special packing provisions (IMDG) : PP12



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packing instructions (IMDG) : IBC08 IBC  
special provisions (IMDG) : B3  
Tank instructions (IMDG) : BK1, BK2, BK3, T1Tank  
special provisions (IMDG) : TP33  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-F Stowage  
category (IMDG) : A  
Stowage and handling (IMDG) : SW23  
MFAG-No : 171

- **Air transport**

PCA Excepted quantities (IATA) : E1 PCA  
Limited quantities (IATA) : Y956  
PCA limited quantity max net quantity (IATA) : 30kgGPCA  
packing instructions (IATA) : 956  
PCA max net quantity (IATA) : 400kg CAO  
packing instructions (IATA) : 956CAO max  
net quantity (IATA) : 400kg  
Special provisions (IATA) : A97, A158, A179, A197ERG  
code (IATA) : 9L

- **Inland waterway transport**

Classification code (ADN) : M7  
Special provisions (ADN) : 274, 335, 375, 601  
Limited quantities (ADN) : 5 kg  
Excepted quantities (ADN) : E1 Equipment  
required (ADN) : PP, A Number of blue  
cones/lights (ADN) : 0  
Additional requirements/Remarks (ADN) : \* Only in the molten state. \*\* For carriage inbulk see also  
7.1.4.1. \*\*\* Only in the case of transport in bulk.

- **Rail transport**

Classification code (RID) : M7  
Special provisions (RID) : 274, 335, 375, 601  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P002, IBC08, LP02, R001  
Special packing provisions (RID) : PP12, B3  
Mixed packing provisions (RID) : MP10  
Portable tank and bulk container instructions (RID) : T1, BK1, BK2, BK3 Portable  
tank and bulk container special  
provisions (RID) : TP33  
Tank codes for RID tanks (RID) : SGAV, LGBV  
Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W13  
Special provisions for carriage – Bulk(RID) : VC1, VC2  
Special provisions for carriage - Loading,  
unloading and handling (RID) : CW13, CW31 Colis  
express (express parcels) (RID) : CE11 Hazard  
identification number (RID) : 90



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**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**15. Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.1.1 EU-Regulations**

No REACH Annex XVII restrictions

ACES BUFFER is not on the REACH Candidate List ACES

BUFFER is not on the REACH Annex XIV List

**15.1.2 National regulations**

**Germany**

12th Ordinance Implementing the Federal

Immission Control Act - 12.BImSchV

: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

**Netherlands**

SZW-lijst van kankerverwekkende stoffen : The substance is not listed

lijst van mutagene stoffen : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen – Borstvoeding

: The substance is not listed

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen –

Vruchtbaarheid

: The substance is not listed

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen – Ontwikkeling

: The substance is not listed

**Denmark**

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

**15.2 Chemical safety assessment**

No additional information available

**16. Other information**

**Abbreviations and acronyms** : PBT: persistent, bioaccumulative and toxic. vPvB: very persistent and very bioaccumulative

**Sources of key data used** : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**Further information** : None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008 **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources



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**End of document**

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