



ANCC

AN CHEMICAL CORPORATION

IMHS PRODUCTS



ANPOX- IMHS PRODUCTS

ANPOX®IMHS-1010

Product Name: Sodium Ferrocyanide

ANPOX®IMHS-1010 used in the manufacture of pigments, paints, coatings and graphite, as well as printing and dyeing, medicine, steel carburizing and other industries.

CAS Number: 13601-19-9

ANPOX®IMHS-2020

Product Name: Aniline Acetonitrile

IMHS-2020 is an intermediate for the production of indigo.

CAS Number: 62-53-3

ANPOX®IMHS-6060

Product Name:

1,1-Cyclohexanediamic acid monoamide is broad-spectrum chemosynthesis new function material monomer, is used for the synthetic field of novel material.

CAS Number: 99189-60-3

ANPOX®IMHS-4040

Product Name: Creatine Monohydrate

Creatine Monohydrate is used in Food, Beverage, Pharmaceutical, Health & Personal care products, Agriculture/Animal Feed/Poultry. Creatine Monohydrate is often used as a dietary supplement to improve muscle strength and athletic performance. Creatine Monohydrate can reduce the level of cholesterol, blood fat, blood sugar. The application of Creatine Monohydrate such as in functional food and nutritional supplement applications.

CAS Number: 6020-87-7

ANPOX® IMHS-1020

Product Name: Potassium Ferrocyanide

ANPOX® IMHS-1020 used in pigment manufacturing, medicine, steel carburizing and other industries.

CAS Number: 14459-95-1

ANPOX®IMHS-3030

Product Name: Ammonium Sulfate

ANPOX®IMHS-3030 used to make fertilizer, ammonium hydroxide, battery filling, fireproof compound, etc.

CAS Number: 7783-20-2

ANPOX®IMHS-5050

Product Name: 1,1-Cyclohexanediamic Acid (CDA)

1-cyclohexanediamic acid also claims 1, and 1-cyclohexanediamic or cyclohexane diamic acid mainly are used as the intermediate of synthetic antidepressant-gabapentin in Pharmaceutical Industries.

CAS Number: 4355-11-7

DISCLAIMER:

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ANPOX- IMHS PRODUCTS TDS

ANPOX®IMHS-1010

Product Name: Sodium Yellow Blood Salt (Sodium Ferrocyanide)

Molecular formula: $\text{Na}_4[\text{Fe}(\text{CN})_6] \cdot 10\text{H}_2\text{O}$

Molecular weight: 484.04

Properties: Light yellow granular crystals, weatherable, water loss at 50°C, anhydrous at 81.5°C, and decomposed at 435°C. In case of lemon-yellow monoclinic crystals, acicular crystals are formed. The relative density is 1.458. It is soluble in water but insoluble in alcohol. It is easy to weather in the air, and the crystal will quickly lose its crystal water at a temperature of 50~60°C. Drying at a higher temperature will form a hard block of anhydrous salt. It does not decompose in dilute acid that is not heated, but generates free hydrocyanic acid in boiling concentrated acid. It reacts with silver nitrate to produce milky white silver ferrocyanide precipitate. It reacts with ferrous sulfate to produce white ferrous ferrocyanide precipitate, which is then oxidized to produce Prussian blue ferrous ferrocyanide. Under the influence of oxidants, it is oxidized to sodium ferricyanide. When it is burnt strongly, nitrogen is completely liberated and sodium cyanide and iron carbide are formed. The main component of this product is yellow blood salt sodium.

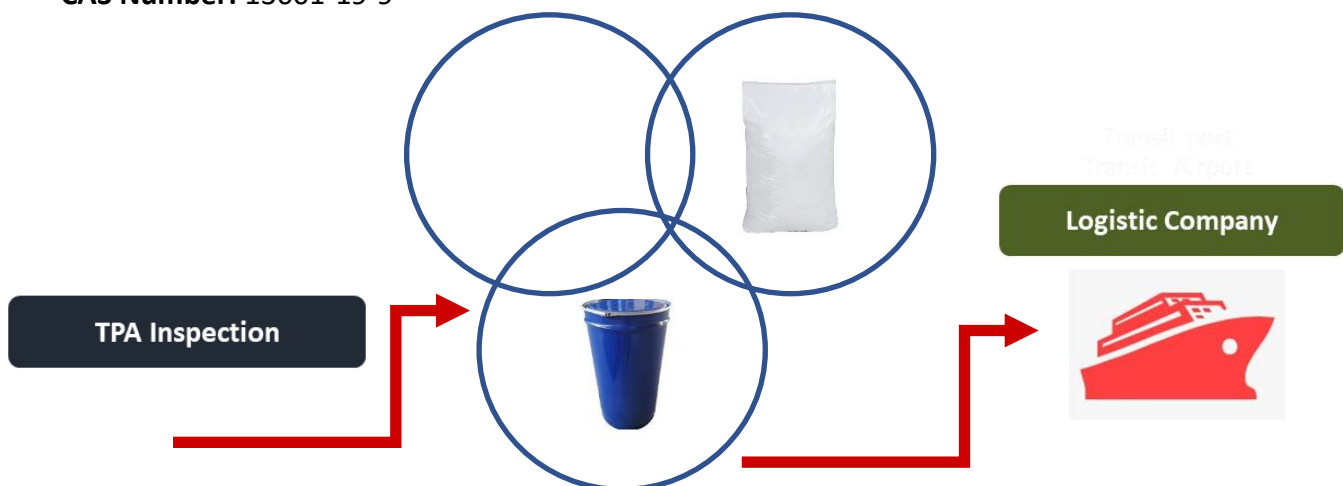
Uses: used in the manufacture of pigments, paints, coatings and graphite, as well as printing and dyeing, medicine, steel carburizing and other industries.

Packaging and specifications: Woven bag lined with plastic, 50kg/bag, 25kg/bag or customized according to customer requirements.

Storage precautions: Store in a cool, ventilated warehouse. Keep away from fire and heat sources. Avoid direct sunlight. The package is sealed. It should be stored separately from nitrate, and should not be mixed. The storage area should be equipped with suitable materials to contain the leakage.

Transportation precautions: The packaging should be complete when starting the shipment, and the loading should be secure. During transportation, ensure that the container does not leak, collapse, fall, or be damaged. Mixed shipment and transportation with oxidants are strictly prohibited. Avoid exposure to the sun, rain, and high temperature during transportation.

CAS Number: 13601-19-9



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ANPOX®IMHS-1020

Product name: Potassium yellow blood salt (potassium ferrocyanide), potassium hexacyanoferrate (II)

Molecular formula: $K_4Fe(CN)_6 \cdot 3H_2O$

Molecular weight: 422.39

Nature: Lemon-colored monoclinic crystals. Melting point (°C): 70 (-3H₂O) Relative density (water = 1): 1.853 (17°C)

Solubility: soluble in water, insoluble in ethanol and ether.

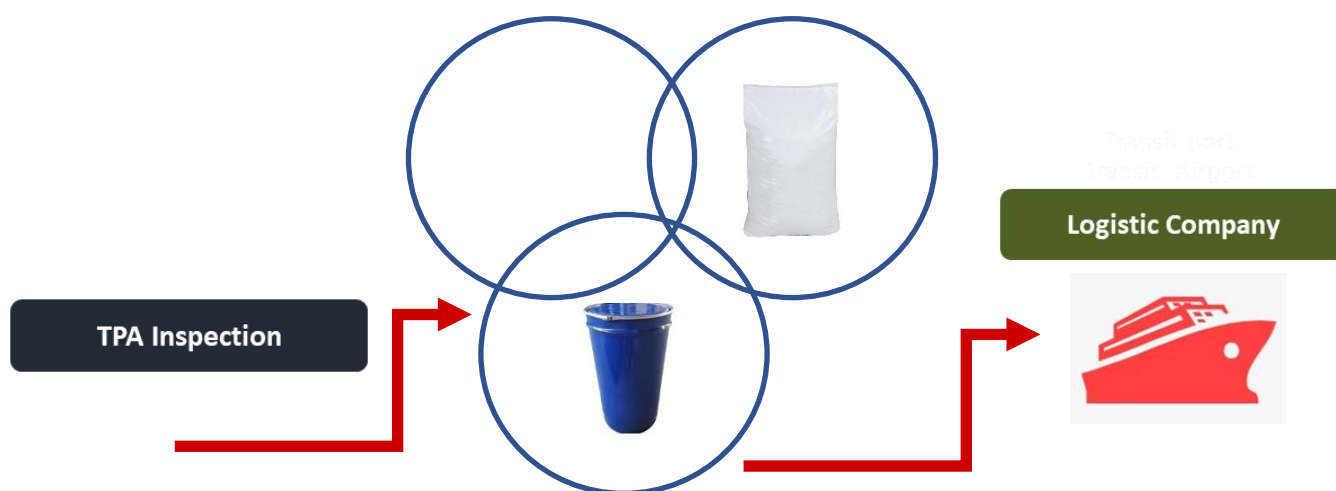
Uses: used in pigment manufacturing, medicine, steel carburizing and other industries.

Packing and specifications: Plastic woven bag 50kg/bag, 25kg/bag or customized according to customer requirements

Storage precautions: Store in a cool, ventilated warehouse. Keep away from fire and heat sources. Avoid direct sunlight. The package is sealed. It should be stored separately from nitrate, and should not be mixed. The storage area should be equipped with suitable materials to contain the leakage.

Transportation precautions: The packaging should be complete when starting the shipment, and the loading should be secure. During transportation, ensure that the container does not leak, collapse, fall, or be damaged. Mixed shipment and transportation with oxidants are strictly prohibited. Avoid exposure to the sun, rain, and high temperature during transportation.

CAS Number: 14459-95-1



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ANPOX®IMHS-2020

Product name: Aniline Acetonitrile; N-phenyl glycerol acetonitrile

Molecular formula: C₈H₈N₂

Molecular weight: 132.16

Nature: khaki or yellow-brown solid. The relative density is 105C-1200kg/m³. Melting point is 40°C.

Appearance: light brown crystal

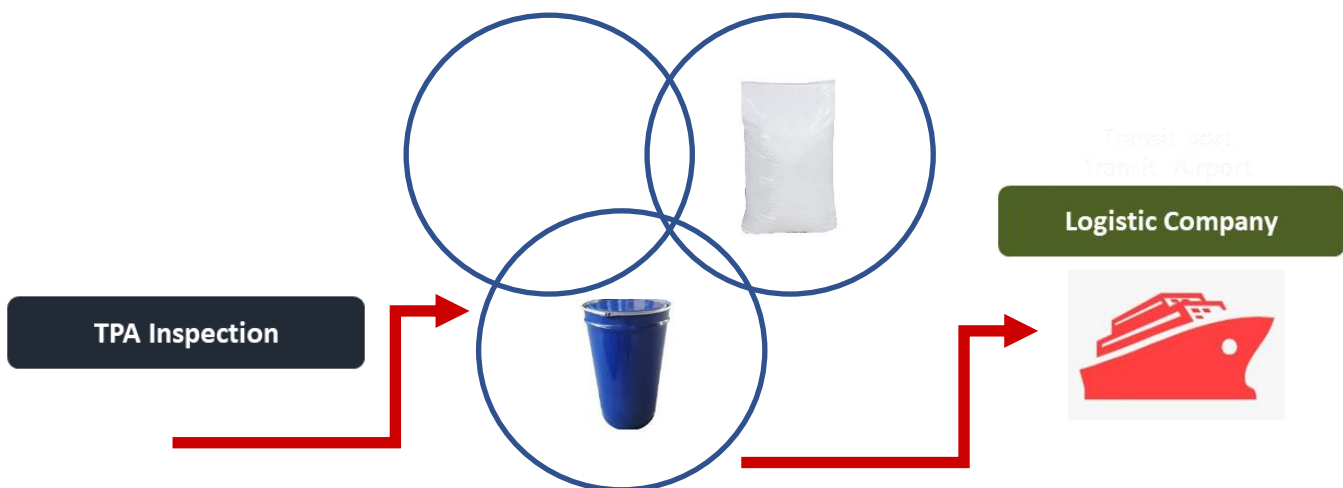
Content%; (≥): 95.0

Moisture%; (≤): 4

Application: Aniline Acetonitrile is an intermediate for the production of indigo.

Package: woven bag lined with plastic, 50kg/bag, 25kg/bag or customized according to customer requirements. Storage precautions: Store in a cool, dry and well-ventilated warehouse. Avoid direct sunlight, keep away from incompatible materials, and the ambient temperature should be less than 35°C.

CAS Number: 62-53-3



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ANPOX®IMHS-3030

Product name: Ammonium Sulfate; Ammonium Sulfate; ammonium sulfate

Molecular formula: H₈N₂O₄S Relative

Molecular mass: 132.13

Appearance and properties:

Pure product is colorless orthorhombic crystal, industrial product is white to light yellow crystal.

Melting point (°C): 140

Relative density (water=1): 1.77

Package: woven bag lined with plastic, 50kg/bag, 25kg/bag or customized according to customer requirements.

Main application: used to make fertilizer, ammonium hydroxide, battery filling, fireproof compound, etc.

Storage precautions:

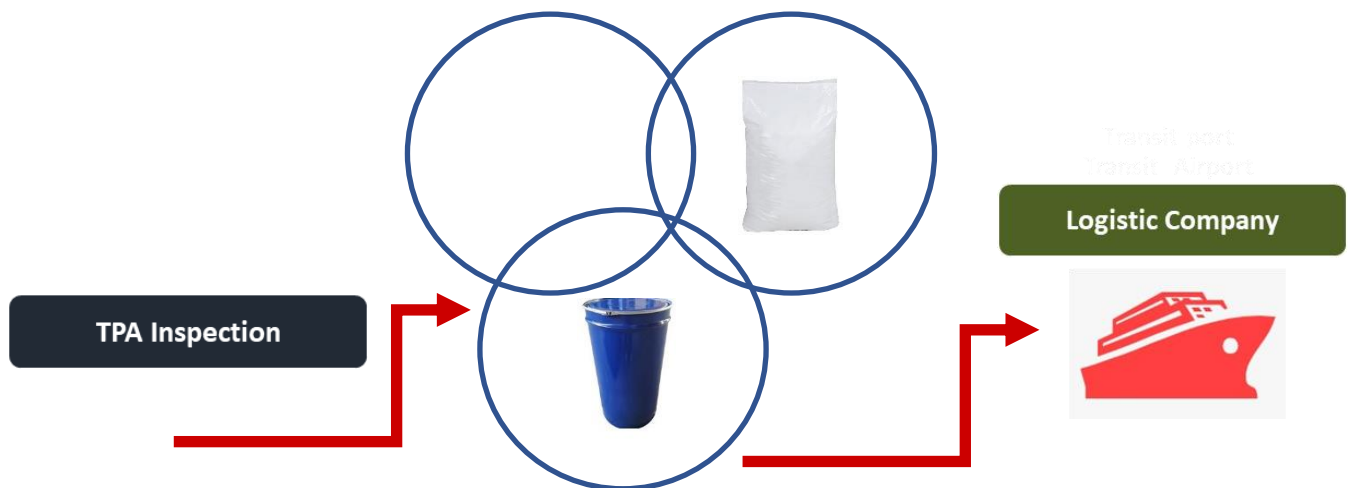
Store in a cool, ventilated warehouse. Keep away from fire and heat sources. It should be stored separately from acids and alkalis, and avoid mixed storage.

Executive standards: GB535-1995 agricultural products

Class I: Nitrogen (N, on a dry basis) % (≥): 21.0; Moisture% (≤): 0.5

Class II: Nitrogen (N, on a dry basis) % (≥): 20.8; Moisture% (≤): 1.0

CAS Number: 7783-20-2



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ANPOX®IMHS-4040

Product name: Creatine Monohydrate; 2-(1-Methylguanidino) acetic acid hydrate; Creatine hydrate

Molecular formula: C₄H₁₁N₃O₃ / C₄H₉N₃O₂.H₂O

Molecular mass: 149.15 g/mol

Properties:

Creatine Monohydrate is the monohydrate form of creatine similar or identical to endogenous creatine produced in the liver, kidneys, and pancreas. Creatine, in phosphate form, helps supply energy to muscle cells for contraction. After intense effort, when ATP deposits are depleted, creatine phosphate donates phosphate groups toward the fast synthesis of ATP. Dietary supplementation with creatine may improve muscle wasting associated with cancer and other chronic diseases.

Appearance: White powder

Taste: Tasteless

Odor: Odorless

Loss on drying: Max 12.0%

Bulk density: Min 0.50g/L

ASSAY: Min 99.50%

Package: The packaging can be customized. the shipping term can be by sea, by air, and sample or small quantity can be shipped by DHL, FEDEX, EMS and TNT.

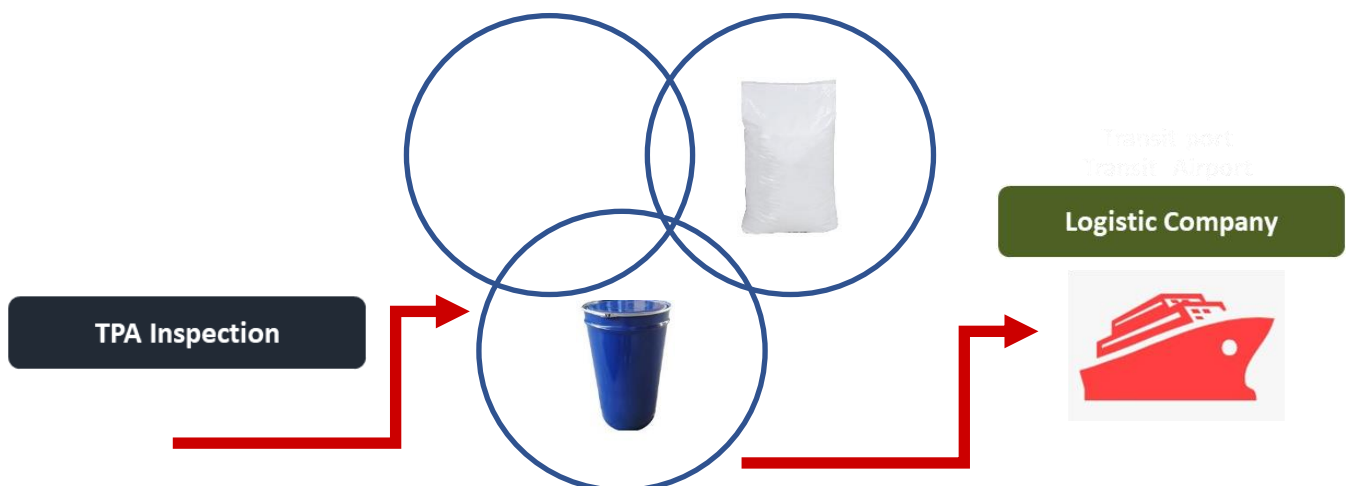
Main application:

Creatine Monohydrate is used in Food, Beverage, Pharmaceutical, Health & Personal care products, Agriculture/Animal Feed/Poultry. Creatine Monohydrate is often used as a dietary supplement to improve muscle strength and athletic performance. Creatine Monohydrate can reduce the level of cholesterol, blood fat, blood sugar. The application of Creatine Monohydrate such as in functional food and nutritional supplement applications.

Storage precautions:

Store in cool & dry place. Do not freeze.

CAS Number: 6020-87-7



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ANPOX®IMHS-5050

Product name:

1,1-Cyclohexanediactic Acid (CDA); Cyclohexanediactic acid; 2-[1-(carboxymethyl) cyclohexyl]acetic acid; 4-Methyl-5-(2'-hydroxyethyl)-thiazole

Properties:

Loss on drying: ≤2.0%

Heavy metals: ≤10 ppm

Water: ≤1.0%

Sulphated ash: ≤0.5% determined on 1.0 g.

Residue on ignition: ≤0.1%

Related Substances: Unspecified impurities: for each impurity ≤0.10%

Total Impurity ≤0.50%: 0.18%

Purity: ≥99.0%

Assay Storage: 99.0%~101.0% (anhydrous substance).

Package: Normal packaging is 25kgs/Drum

The packaging can be customized. the shipping term can be by sea, by air, and sample or small quantity can be shipped by DHL, FEDEX, EMS and TNT.

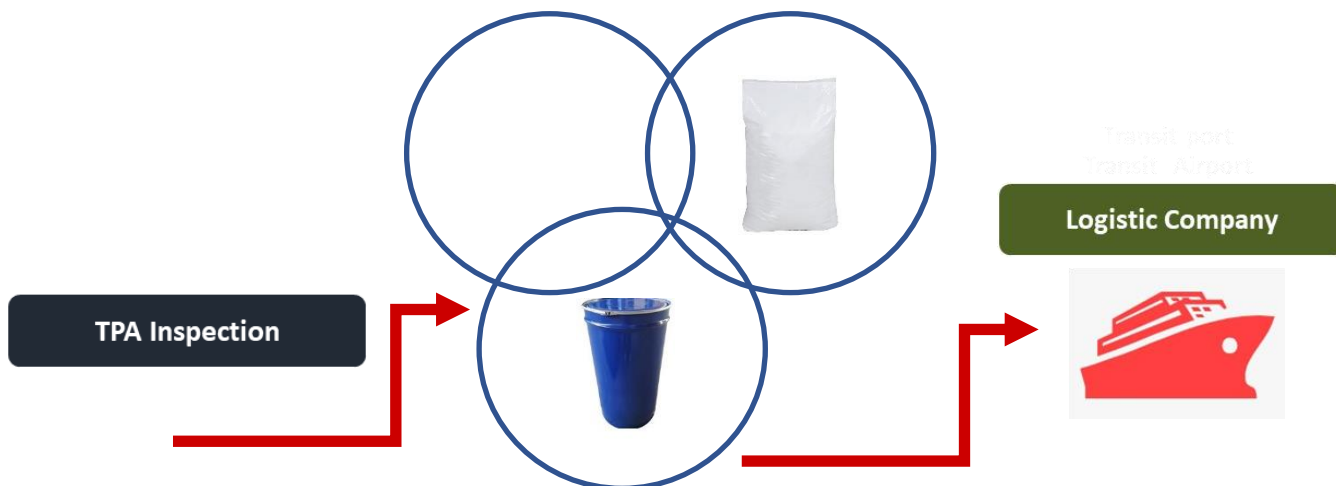
Main application:

1,1-cyclohexanediactic acid monoamide is broad-spectrum chemosynthesis new function material monomer, is used for the synthetic field of novel material.

Storage precautions:

Preserve in well-closed, light-resistant and airtight containers.

CAS Number: 4355-11-7

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ANPOX®IMHS-6060

Product name:



1,1-Cyclohexyl diacetic acid monoamid; 2-(1-(2-amino-2-oxoethyl) cyclohexyl) acetic acid
2-[1-(2-amino-2-oxoethyl) cyclohexyl] acetic acid; 1,1-CYCLOHEXANEDIACETIC ACID MONO AMIDE

Molecular Weight: 199.25

Chemical Structure: C₈H₇NO₃

Properties:

1,1-Cyclohexanediacetic acid monoamide is an impurity of Gabapentin, an amino acid structurally related to γ -Aminobutyric Acid (GABA), designed to cross the blood brain barrier. Gabapentin is used as an anticonvulsant.

Melting point: 141-146 °C (lit.)

Boiling point: 443.6±18.0 °C(Predicted)

Density: 1.135±0.06 g/cm³(Predicted)

storage temp.: Sealed in dry, Room Temperature

Solubility: DMSO (Slightly), Methanol (Slightly)

Form: Solid

Color: White to Off-White

LogP: 0.73 at 22°C and pH

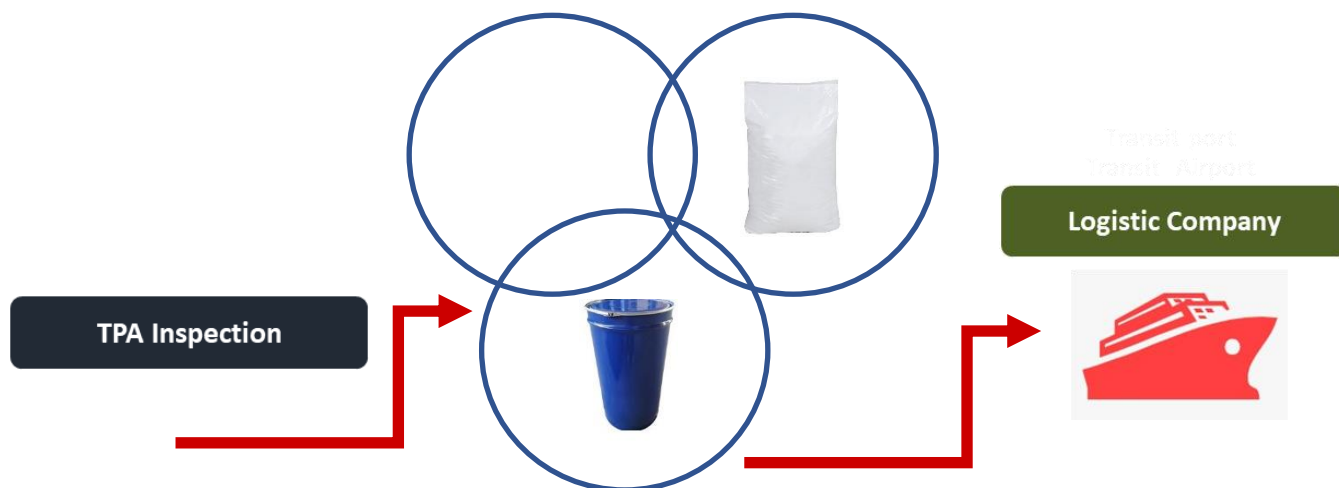
Package: The packaging can be customized. the shipping term can be by sea, by air, and sample or small quantity can be shipped by DHL, FEDEX, EMS and TNT.

Main application: 1-cyclohexanediacetic acid also claims 1, and 1-cyclohexanediacetic or cyclohexane diacetic acid mainly are used as the intermediate of synthetic antidepressant-gabapentin in Pharmaceutical Industries.

Storage precautions:

Preserve in well-closed, light-resistant and airtight containers.

CAS Number: 99189-60-3



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