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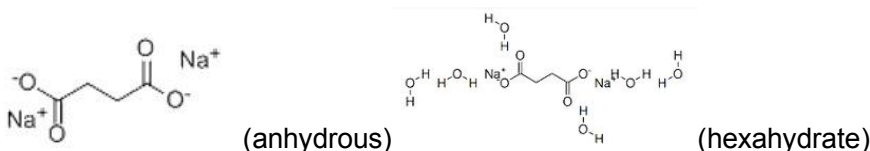
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Technical Data Sheet

Disodium succinate

Product Information

Chemical Name Disodium succinate anhydrous, Disodium succinate hexahydrate
Chemical structure



CAS # 150-90-3 (anhydrous), 6106-21-4 (hexahydrate)
EINECS 205-778-7
Formula C4H4Na2O4 (anhydrous), C4H16Na2O10 (hexahydrate)
Molecular Weight 162.05 (anhydrous), 270.16 (hexahydrate)
Synonyms Succinic acid disodium salt;Butanedioic acid, disodium salt;Disodium succinate;Jantaran sodny;Soduxin;Succinic acid sodium salt

Description

White crystals (hexahydrate) or white crystalline powder (anhydrous), Odorless, no acid, has special shellfish taste. Soluble in water and Insoluble ethyl ether, Stability in the air.

Physical Properties

Color White
Solubility 300g/L at 25°C (anhydrous),
349g/L at 35°C (hexahydrate)

Specification

Sodium succinate anhydrous;Sodium succinate hexahydrate.

1) Sodium succinate anhydrous

<u>Item</u>	<u>Specifications</u>
Appearance	White powder
Assay ,%	98.0~101.0
PH	7.0~9.0
Moisture ,%	≤ 2.0
Asenic(As ₂ O ₃),ppm	≤ 2
Sulfates, %	≤ 0.02
Heavy Metals(Pb),PPM	≤ 20
Iron(Fe),ppm	≤ 20
Hg ,ppm	NA

2) Sodium succinate hexahydrate

<u>Item</u>	<u>Specifications</u>
Appearance	White crystals
Assay ,%	98.0~101.0
PH	7.0~9.0
Moisture ,%	37~41
Asenic(As ₂ O ₃),ppm	≤ 4
Sulfates, %	≤ 0.02
Heavy Metals(Pb),PPM	≤ 20
Iron(Fe),ppm	≤ 20
Hg ,ppm	NA

Applications

Disodium succinate is widely used as food/feed additives and Pharmaceuticals.

-- Disodium succinate

in Food industry,be used for freshness agents, mainly for the ham, sausage, flavoring liquid, sake, soy sauce, soy s
auce,and cool and refreshing drink,etc.

-- Disodium succinate in Fishing industry,be used as feed additives.

-- Disodium succinate in Pharmaceutical industry,be used as important intermediates.

-- Disodium succinate is also used as Laboratory analysis reagent.

Characteristics of Disodium succinate

1.Disodium succinate gives a particular shellfish (clams)-like taste.

2.Disodium succinate is, of course, used independently as a seasoning agent, but when it is used together with
monosodium glutamate (MSG), the deliciousness and the relish are multiplied and deepened.

3.Disodium succinate softens other stimulating strong tastes, such as salt and acid.

4.Disodium succinate is of good water solubility and of high penetration, as a result, the seasoning effects is
wellaccelerated.

Packaging

25kg per bag: PP plastic weaving bag or brown paper plastic bag

Total 16 MT per 20ft container with pallets,18 MT without pallets

Safety & Storage & Handling

Stored in cool and airy place; away from fire and heat; handle with care;no breakage, avoid leakage.

It is valid for 2 years under proper condition.

* Please refer to MSDS for more information about Safety, Storage and Transportation.