

**Table of Safe and Suitable Ingredients for Fish in the order of Siluriformes**

<b>SUBSTANCE</b>	<b>INTENDED USE OF PRODUCT</b>	<b>AMOUNT</b>	<b>REFERENCE</b>	<b>LABELING REQUIREMENTS</b>
<b>Binders</b>				
Guar Gum	(1) For use as whipping aid in egg products (2) Fish of the order Siluriformes	(1) Not to exceed 0.5 percent (2) Sufficient for purpose using good manufacturing practices	Acceptability determination	Listed by common or usual name in the ingredients statement (4)
Monocalcium phosphate (mono-, di-, and tribasic)	Fish of the order Siluriformes	Sufficient for purpose using good manufacturing practices	21 CFR 182.1217	Listed by common or usual name in the ingredients statement (4)
Potassium bicarbonate	Formulation aid in fish of the order Siluriformes	Levels sufficient for purpose using good manufacturing practices	21 CFR 184.1613	Listed by common or usual name in the ingredients statement (4)
Silicone dioxide	To prevent caking	Sufficient for purpose using good manufacturing practices	Acceptability determination	Listed by common or usual name in the ingredients statement (4)
Sodium aluminum phosphate	Fish of the order Siluriformes	Levels sufficient for purpose using good manufacturing practices	21 CFR 182.1781	Listed by common or usual name in the ingredients statement (4)
Sodium aluminum phosphate	Fish of the order Siluriformes	Levels sufficient for purpose using good manufacturing practices	21 CFR 182.1781	Listed by common or usual name in the ingredients statement (4)
Sodium carbonate or sodium bicarbonate	Fish of the order Siluriformes	Levels sufficient for purpose using good manufacturing practices	21 CFR 184.1742 21 CFR 184.1736	Listed by common or usual name in the ingredients statement (4)
Sodium phosphate (mono-, di-, and tribasic)	Fish of the order Siluriformes	Sufficient for purpose using good manufacturing practices	21 CFR 182.1778	Listed by common or usual name in the ingredients statement (4)
Xanthan gum (purified by	Various meat and poultry products where binders are permitted and in	Non-standardized meat and poultry products and	GRAS Notice No. 000121	Listed by common or usual name in the ingredients statement (4)

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recovery with ethyl alcohol)	fish of the order Siluriformes	products with a standard of identity which currently permit the use of xanthan gum listed in 9 CFR 424.21(c)  Sufficient for purpose in accordance with 21 CFR 172.5	9 CFR 424.21(c)	
<b>Flavoring Agent</b>				
Malic acid	Flavoring agent in fish of the order Siluriformes	Levels sufficient for purpose using good manufacturing practices	21 CFR 582.1069	Listed by common or usual name in the ingredients statement (4)
Monosodium glutamate	Flavoring agent in fish of the order Siluriformes in various meat and poultry products and fish of the order Siluriformes	Levels sufficient for purpose using good manufacturing practices	9 CFR 424, 21 CFR 182.1	Listed by common or usual name in the ingredients statement (4)
Potassium carbonate	Flavoring agent in fish of the order Siluriformes	Levels sufficient for purpose using good manufacturing practices	21 CFR 184.1619	Listed by common or usual name in the ingredients statement (4)
<b>Moisture Retention</b>				
An aqueous mixture of sodium tripolyphosphate, sodium hexametaphosphate and salt (optional)	Injected or applied as a spray, immersion bath, drag through dip tank or tumbler to retain moisture in fish or fish products of the order Siluriformes	Sufficient for purpose using good manufacturing practices	21 CFR 182.1810, 21 CFR 182.6760	Labeled in the correct order of predominance followed by a sub-listing of each ingredient of the blend listed by its common or usual name in the ingredients statement. Phosphates may be listed collectively as "sodium phosphate" in the correct order of predominance in the sub-listing of the blend in the ingredients
An aqueous mixture of sodium tripolyphosphate,	Injected or applied as a spray, immersion bath, drag through dip tank or tumbler to retain moisture in fish or	Sufficient for purpose using good manufacturing practices	21 CFR 182.1810, 21 CFR 182.6760	Labeled in the correct order of predominance followed by a sub-listing of each ingredient of the

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salt, sodium hexametaphosphate, citric acid, and ascorbic acid	fish products of the order Siluriformes		21 CFR 182.103, 21 CFR 182.3013	blend listed by its common or usual name in the ingredients statement. Phosphates may be listed collectively as “sodium phosphate” in the correct order of predominance in the sub-listing of the blend in the ingredients
An aqueous mixture of sodium tripolyphosphate, salt, sodium hexametaphosphate, sodium acid pyrophosphate and citric acid	Injected or applied as a spray, immersion bath, drag through dip tank or tumbler to retain moisture in fish or fish products of the order Siluriformes	Sufficient for purpose using good manufacturing practices	21 CFR 182.1810, 21 CFR 182.6760 21 CFR 182.1087, 21 CFR 182.1033	Labeled in the correct order of predominance followed by a sub-listing of each ingredient of the blend listed by its common or usual name in the ingredients statement. Phosphates may be listed collectively as “sodium phosphate” in the correct order of predominance in the sub-listing of the blend in the ingredients
An aqueous mixture of sodium tripolyphosphate, salt, and citric acid.	Injected or applied as a spray, immersion bath, drag through dip tank or tumbler to retain moisture in fish or fish products of the order Siluriformes	Sufficient for purpose using good manufacturing practices	21 CFR 182.1810, 21 CFR 182.1033	Labeled in the correct order of predominance followed by a sub-listing of each ingredient of the blend listed by its common or usual name in the ingredients statement. Phosphates may be listed collectively as “sodium phosphate” in the correct order of predominance in the sub-listing of the blend in the ingredients
An aqueous mixture of pentasodium, triphosphate, tetra sodium diphosphate	Injected or applied as a spray, immersion bath, drag through dip tank or tumbler to retain moisture in fish or fish products of the order Siluriformes	Sufficient for purpose using good manufacturing practices	21 CFR 182.1810, 21 CFR 182.6789	Labeled in the correct order of predominance followed by a sub-listing of each ingredient of the blend listed by its common or usual name in the ingredients statement. Phosphates may be listed collectively as “sodium phosphate” in the correct order of predominance in the sub-listing of

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				the blend in the ingredients
An aqueous mixture of sodium, triphosphate, potassium citrate, citric acid, and tetra sodium diphosphate, sodium chloride	Injected or applied as a spray, immersion bath, drag through dip tank or tumbler to retain moisture in fish or fish products of the order Siluriformes	Sufficient for purpose using good manufacturing practices	21 CFR 182.1810, 21 CFR 182.6789, 21 CFR 182.1033	Labeled in the correct order of predominance followed by a sub-listing of each ingredient of the blend listed by its common or usual name in the ingredients statement. Phosphates may be listed collectively as “sodium phosphate” in the correct order of predominance in the sub-listing of the blend in the ingredients
An aqueous mixture of salt, citric acid, potassium citrate, pentasodium triphosphate, tetra sodium diphosphate	Injected or applied as a spray, immersion bath, drag through dip tank or tumbler to retain moisture in fish or fish products of the order Siluriformes	Sufficient for purpose using good manufacturing practices	21 CFR 182.1810, 21 CFR 182.6789, 21 CFR 182.1033	Labeled in the correct order of predominance followed by a sub-listing of each ingredient of the blend listed by its common or usual name in the ingredients statement. Phosphates may be listed collectively as “sodium phosphate” in the correct order of predominance in the sub-listing of the blend in the ingredients
An aqueous mixture of citric acid, sodium triphosphate, potassium diphosphate	Injected or applied as a spray, immersion bath, drag through dip tank or tumbler to retain moisture in fish or fish products of the order Siluriformes	Sufficient for purpose using good manufacturing practices	21 CFR 182.1033, 21 CFR 182.1810	Labeled in the correct order of predominance followed by a sub-listing of each ingredient of the blend listed by its common or usual name in the ingredients statement. Phosphates may be listed collectively as “sodium phosphate” in the correct order of predominance in the sub-listing of the blend in the ingredients
An aqueous mixture of sodium triphosphate, salt, potassium citrate	Injected or applied as a spray, immersion bath, drag through dip tank or tumbler to retain moisture in fish or fish products of the order Siluriformes	Sufficient for purpose using good manufacturing practices	21 CFR 182.1810, 21 CFR 184.1625	Labeled in the correct order of predominance followed by a sub-listing of each ingredient of the blend listed by its common or usual name in the ingredients

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				statement. Phosphates may be listed collectively as “sodium phosphate” in the correct order of predominance in the sub-listing of the blend in the ingredients
Calcium citrate	Fish of the order Siluriformes	Sufficient for purpose using good manufacturing practices	21 CFR 582.1195	Listed by common or usual name in the ingredients statement (4)
Sodium citrate	Fish of the order Siluriformes	Sufficient for purpose using good manufacturing practices	21 CFR 184.1751	Listed by common or usual name in the ingredients statement (4)
Sodium tripolyphosphate	Fish of the order Siluriformes	Sufficient for purpose using good manufacturing practices	21 CFR 182.1810	Listed by common or usual name in the ingredients statement (4)
Sodium tripolyphosphate and salt(optional)	Injected or applied as a spray, immersion bath, drag through dip tank or tumbler to retain moisture in fish or fish products of the order Siluriformes	Sufficient for purpose using good manufacturing practices	21 CFR 182.1810	Labeled in the correct order of predominance followed by a sub-listing of each ingredient of the blend listed by its common or usual name in the ingredients statement. Phosphates may be listed collectively as “sodium phosphate” in the correct order of predominance in the sub-listing of the blend in the ingredients