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## China - Peoples Republic of

**Post:** Beijing

### Guidelines and Prescriptions for Use of Processing Aids

**Report Categories:**

FAIRS Subject Report

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**Report Highlights:**

On August 4, China's Ministry of Health notified the WTO of Guidelines and Prescriptions for Use of Processing Aids in Food Industry as G/SPS/N/CHN/307. The date for submission of final comments to China is October 3, 2010. The proposed date of entry is to be determined. Contact information on where to send comments is inside the report. This report is an INFORMAL translation of this document.

## Executive Summary:

On August 4, China's Ministry of Health notified the WTO of Guidelines and Prescriptions for Use of Processing Aids in Food Industry as G/SPS/N/CHN/307. The date for submission of final comments to China is October 3, 2010. The proposed date of entry is to be determined.

Comments can be sent to the China WTO SPS Enquiry Point at: SPS@aqsiq.gov.cn.

This report contains an UNOFFICIAL translation of this document.

## General Information:

BEGIN TRANSLATION

### Guidelines and Prescriptions for the Use of Processing Aids in Food Industry

#### Draft for comments

Guidelines for use of processing aid in food industry

Processing aid shall be used in food production and processing, and the use shall be necessary technically; the usage shall be reduced as far as possible on such a precondition that the anticipated purpose is reached.

Generally, processing aid shall be removed before the product is finished finally, except it is specified that a quantity of residue can remain in the food; the residue of processing aid remaining in the food shall not be harmful to health, and it should not function in the final food.

Processing aid used in food industry shall meet the requirements of related quality specifications.

Prescriptions on use of processing aid in food industry

**Table 1: Processing aids that can be used in various kinds of food processing in food industry**

SN	Chinese name of processing aid	English name of processing aid
1.	氨水	Ammonia solution
2.	丙三醇(甘油)	Glycerol
3.	丙烷	PROPANE
4.	单甘油酯 grease 脂肪酸酯	Mono-glyceride of fatty acid
5.	氮气	Nitrogen
6.	二氧化碳	Carbon dioxide
7.	硅藻土	Diatomaceous earth
8.	活性炭	Activated carbon
9.	磷脂	Phospholipids
10.	硫酸钙	Calcium sulfate
11.	硫酸钠	Sodium sulfate

12.	氯化铵	Ammonium chloride
13.	氯化钙	Calcium chloride
14.	氯化钾	Potassium chloride
15.	柠檬酸	Citric acid
16.	氢氧化钙	Calcium hydroxide
17.	氢氧化钾	Potassium hydroxide
18.	氢氧化钠	Sodium hydroxide
19.	三硅酸镁	Magnesium trisilicate
20.	碳酸钙(包括轻质和重质碳酸钙)	Calcium carbonate(light, heavy)
21.	碳酸钾	Potassium carbonate
22.	碳酸镁(包括轻质和重质碳酸镁)	Magnesium carbonate (light, heavy)
23.	碳酸钠	Sodium carbonate
24.	碳酸氢钾	Potassium hydrogen carbonate
25.	碳酸氢钠	Sodium hydrogen carbonate
26.	纤维素	Cellulose
27.	盐酸	Hydrochloric acid
28.	氧化钙	Calcium oxide
29.	氧化镁(包括重质和轻质)	Magnesium oxide (heavy, light)
30.	植物活性炭	Vegetable carbon(activated)

**Table 2: List of processing aids, of which the functions and use scope need to be specified**

SN	Chinese name	English name	Function	Scope of application
1.	1,2-丙二醇	1,2-propanediol	Coolant	Beer processing technology
2.	1,2-二氯乙烷	1,2-dichloromethane	Extracting solvent	Processing technology for coffee, tee, and spice
3.	1-丁醇	1-butanol	Extracting solvent	Fermentation technology
4.	6号轻汽油	Solvent No. 6	Immersion oil solvent	Fermentation technology
5.	巴西棕榈蜡	Carnauba wax	Releasing agent	Cake processing technology
6.	钯	Palladium	Catalyst	Fermentation technology
7.	白油(液体石蜡)	White mineral oil	Antifoaming agent	French fries processing technology
8.	不溶性聚乙烯聚吡咯烷酮	Insoluble polyvinylpyrrolidone (PVPP)	Adsorbent	Processing and fermentation technology for beer, wine, fruit spirits, and assembled alcoholic drinks
9.	丁烷	Butane	Extracting solvent	Grease processing technology
10.	二氧化硅	Silicon dioxide	消泡剂	Bean products and French fries processing

			antifoaming agent	technology
11.	高岭土	Kaolin	Clarifier, filter aid	Processing and fermentation technology for wine, fruit spirits, and assembled alcoholic drinks
12.	高碳醇脂肪酸酯复合物	Higher alcohol fatty acid ester complex	Antifoaming agent	Fermentation technology
13.	固化单宁	Immobilized tannin	Clarifier	Processing and fermentation technology for assembled alcoholic drinks
14.	硅胶	Silica gel	Clarifier	Processing and fermentation technology for beer, wine, fruit spirits, and assembled alcoholic drinks and yellow wine
15.	滑石粉	Talc	Releasing agent	Candy processing technology
16.	活性白土	Activated carbon	Clarifier, edible oil decolorizer	Processing and fermentation technology for assembled alcoholic drinks
17.	甲醇	Methanol	Degrade to produce hydrogen	Fermentation technology
18.	聚苯乙烯	Polystyrene	Filter aid	Beer processing technology
19.	聚丙烯酰胺	Polyacrylamide	Flocculent, filter aid	Beverage (water treatment) processing technology, sugar refining technology and fermentation technology
20.	聚氧乙烯失水山梨醇单硬脂酸酯(吐温60)	Polyoxyethylene (60) sorbitan monostearate	Dispersant	Sugar refining technology
21.	聚氧乙烯失水山梨醇单油酸酯(吐温80)	Polyoxyethylene (80) sorbitan monooleate	Dispersant	Sugar refining 工艺 technology
22.	聚氧乙烯失水山梨醇单月桂酸酯(吐温20)	Polyoxyethylene (20) sorbitan monolaurate	Dispersant	Sugar refining technology
23.	矿物油	Mineral oil	Antifoaming agent, releasing agent	Fermentation technology, candy and bean products processing technology
24.	离子交换树脂	Ion exchange resins	Decolorizer, adsorbent	Processing technology for beer, wine, fruit spirits, assembled alcoholic drinks, yellow wine, and canned food; water treatment technology, sugar refining technology, and fermentation technology

25.	磷酸	Phosphoric acid	Clarifier, refining and degumming	Sugar refining technology and grease processing technology
26.	磷酸氢 二钠	Disodium hydrogen phosphate	Flocculent	Beverage (water treatment) processing technology
27.	磷酸三 钠	Trisodium phosphate	Flocculent	Beverage (water treatment) processing technology
28.	硫磺	Sulfur	Clarifier	Sugar refining technology
29.	硫酸	Sulfuric acid	Flocculent	Beer processing technology
30.	硫酸铜	Copper Sulfate	Clarifier	Wine processing technology
31.	硫酸亚 铁	Ferrous sulfate	Flocculent	Beverage (water treatment) and beer processing technology
32.	镍	Nickel	Catalyst (sugar alcoholization and hydrogenation)	Fermentation technology
33.	膨润土	Bentonite	Adsorbent, filter aid, and clarifier	Processing and fermentation technology for wine, fruit spirits, yellow wine, and assembled alcoholic drinks
34.	石油醚	Petroleum ether	Extracting solvent, grease extraction	assembled alcoholic drinks processing technology, grease processing technology
35.	食用单 宁	Edible tannin	Filter aid, clarifier, and decolorizer	Processing technology for yellow wine, beer, wine, and assembled alcoholic drinks, and grease decoloring technology
36.	松香甘 油酯	Glycerol ester of rosin	Depilating agent	Poultry and livestock depilating treatment technology
37.	乙二胺 四乙酸 二钠	Disodium EDTA	Adsorbent, chelating agent	Nuts and seeds shortening and beer processing technology and fermentation technology
38.	乙醚	ether	Extracting solvent	Assembled alcoholic drinks processing technology
39.	乙酸钠	Sodium acetate	Chelating agent	Fermentation technology
40.	乙酸乙 酯	Ethyl acetate	Extracting solvent	Assembled alcoholic drinks processing technology
41.	蔗糖聚 丙烯醚	Sucrose polyoxypropylene ester	Antifoaming agent	Fermentation and sugar refining technology
42.	蔗糖脂 肪酸酯	Sucrose esters of fatty acid	Antifoaming agent	Sugar refining technology

43.	珍珠岩	Pearl rock	Filter aid	Processing technology for beer, wine, fruit spirits, and assembled alcoholic drinks, and fermentation technology
44.	正己烷	Hexane	Extracting solvent	Grease processing technology

**Table 3: List of processing aids in food industry to be deleted**

SN	Chinese name of processing aid	English name
1.	1-丙醇	1-propanol
2.	4-氯苯氧乙酸钠	Sodium 4-chlorophenoxyacetate
3.	6-苄基腺嘌呤	6-benzylaminopurine
4.	凹凸棒粘土	Attapulgitic clay
5.	丙酮	Acetone
6.	次氯酸钠	Sodium hypochlorite
7.	单乙醇胺	Monoethanol amine
8.	二氯异腈氰尿酸钠	Sodium dichloroisocyanurate
9.	二氧化氯	Chlorine dioxide
10.	凡士林	Vaseline
11.	硅酸钙铝	Calcium aluminum silicate
12.	过氧化氢	Hydrogen peroxide
13.	过氧乙酸	Peroxyacetic acid
14.	琥珀酸酐	Succinic anhydride
15.	己二酸	Adipic acid
16.	己二酸酐	Adipic acid anhydride
17.	甲醛	Formaldehyde
18.	焦磷酸四钾	Tetrapotassium pyrophosphate
19.	聚甘油聚亚油酸酯	Polyglycerol ester of polylinoleic acid
20.	磷酸铵	Ammonium phosphate
21.	磷酸二氢钾	Potassium phosphate, monobasic
22.	磷酸二氢钠	Sodium dihydrogen phosphate
23.	磷酸钙	Calcium phosphate
24.	硫酸铵	Ammonium sulfate
25.	硫酸镁	Magnesium sulfate
26.	硫酸锌	Zinc sulfate
27.	氯化磷酸三钠	Trisodium phosphate chlorinated
28.	尿素	Urea
29.	氢气	Hydrogen
30.	三乙醇胺	Triethanol amine

31.	十二烷基苯磺酸钠	Sodium alkyl benzene sulfonate(ABS)
32.	十二烷基二甲基溴化胺(新洁尔灭)	Bromogeramine
33.	十二烷基磺酸钠	Sodium alkyl sulfonate (AS)
34.	石蜡	Paraffin
35.	铁粉	Powdered ferric (powdered iron)
36.	维生素 B 族	Vitamin B family
37.	五碳双缩醛	Glutaraldehyde
38.	硝酸	Nitric acid
39.	亚硫酸铵	Ammonium sulfite
40.	氧化铁	Ferric oxide (iron oxide)
41.	乙醇	Ethanol
42.	银	Silver
43.	油酸	Oleic acid
44.	脂肪醇酰胺	Aliphatic alcohol amide
45.	脂肪醚硫酸钠	Aliphatic ether sodium sulfate

END TRANSLATION