SAFETY DATA SHEET

HCS-2012 APPENDIX D TO §1910.1200

Version 1 **Issue Date** 02-Jan-2022
Product Name FOOD ADDITIVE Sodium Tripolyphosphate **Revision date** 02-Jan-2022

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name	FOOD ADDITIVE Sodium Tripolyphosphate
Chemical Name	Sodium Tripolyphosphate
Chemical formula	$Na_5P_3O_{10}$

Other means of identification

Pentasodium triphosphate

Recommended use of the chemical and restrictions on use

Recommended Use	Food additive sodium tripolyphosphate is mainly used in the food industry meat, canned meat, fruit drinks, dairy products, soy milk and other quality improver for personal care, cleaning supplies additives.
Uses advised against	No information available

Details of the supplier of the safety data sheet

Supplier	HUBEI XINGFA CHEMICALS GROUP CO., LTD.
Address	20th floor Yuehe Mansion, No.62 Fazhandadao Yichang Hubei China
Postal Code	443000
Phone	+86-717-6760970
FAX	+86-717-6760308
E-mail	hehao@xingfagroup.com
Importer	
Address	
Postal Code	
Phone	
FAX	
E-mail	

Emergency telephone number

+86-717-6760205

2. HAZARDS IDENTIFICATION

GHS Classification

Not classified

Label elements

Symbols/Pictograms	None
Signal word	None
Hazard Statements	Not classified
Precautionary Statements	
Prevention	None
Response	None
Storage	None
Disposal	None

Hazards not otherwise classified (HNOC)

No information available

Unknown acute toxicity

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature Substance

Chemical Name	CAS No	Weight-%
Sodium tripolyphosphate	7758-29-4	≥85

4. FIRST AID MEASURES

Description of first aid measures

General advice	Immediate medical attention is not required.
Inhalation	Not an expected route of exposure.
Skin Contact	No special technical protective measures are necessary.
Eye contact	Not an expected route of exposure.
Ingestion	Not an expected route of exposure.

Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media	The product itself is not flammable: take extinguishing action appropriate to the fire in the surroundings. Foam, dry powder, CO2 water spray jet
Unsuitable extinguishing media	No information available.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors

Protective equipment and precautions for firefighters

Use personal protective equipment as required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas
Avoid causing dust. Wear protective clothing.

Methods and material for containment and cleaning up

Take up mechanically. Rinse away residues with water. Dispose of contaminated material in accordance with the safety regulations

7. HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice
Ensure adequate ventilation, especially in confined areas
Remove all sources of ignition
Use personal protection recommended in Section 8

Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place
Keep away from heat, sparks, flame and other sources of ignition

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits
No information available

Appropriate engineering controls

Provide emergency on-site eyewash and showers. Provide enough ventilation in the working areas.

Individual protection measures, such as personal protective equipment

Respiratory protection	Use suitable protective equipment to avoid breathing in dust.
Hand Protection	Wear suitable gloves.
Eye/face protection	Safety goggles.
Skin and body protection	Wear a long-sleeved shirt.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Solid
Color	White
Odor	Odorless
Odor Threshold	Not determined
pH	9.510.2
Melting point/freezing point	622°C
Boiling point / boiling range	Not determined
Flash point	Not applicable
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Flammability Limit in Air	Not determined
Vapor Pressure	Not applicable
Vapor density	Not determined
Density	2.6g/cm3
Relative density	Not determined
Bulk density	Not determined
Specific gravity	Not determined
Water solubility	146g/l
Partition coefficient (LogPow)	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic viscosity	Not determined
Explosive properties	Not an explosive
Oxidizing properties	Not determined

Other information

No information available

10. STABILITY AND REACTIVITY

Reactivity

The product hydrolyses with water.

Chemical stability

Highly stable product compatible with the materials usually employed in industrial plants.

Possibility of Hazardous Reactions

None known

Conditions to avoid

None known

Incompatible materials

None

Hazardous Decomposition Products

None.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Not an expected route of exposure.
Eye contact	Not an expected route of exposure.
Skin Contact	Not an expected route of exposure.
Ingestion	Not an expected route of exposure.

Information on toxicological effects

Acute toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium tripolyphosphate (CAS #: 7758-29-4)	> 2000 mg/kg bw (rat)	> 4640 mg/kg bw (rabbit)	> 0.39 mg/L/4h (rat)

Skin corrosion/irritation

Non-irritating to the skin

Serious eye damage/eye irritation

No eye irritation

Sensitization

No information available

Germ cell mutagenicity

No information available

Carcinogenicity

No information available

Reproductive toxicity

No information available

STOT - single exposure

No information available

STOT - repeated exposure
No information available

Aspiration hazard
No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants EC50	Fish LC50	Crustacea EC50
Sodium tripolyphosphate (CAS #: 7758-29-4)	160 mg/L/4d	> 1850 mg/L/24h (Danio rerio)	> 100 mg/L/48h (Daphnia magna)

Persistence and degradability
No information available

Bioaccumulative potential
No information available

Mobility in soil
No information available

Other adverse effects
No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations
Contaminated packaging	Dispose of in accordance with federal, state and local regulations

14. TRANSPORT INFORMATION

DOT

UN/ID No.	Not regulated
Proper shipping name	Not regulated
Hazard Class	Not regulated
Packing Group	Not regulated
Special precautions	No information available
Marine pollutant	Not applicable

IMO

Not-Hazardous for Air Transport; Non-hazardous for Sea transport

15. REGULATORY INFORMATION

International Inventories

Component	AICS	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	TSCA
Sodium tripolyphosphate (CAS #: 7758-29-4)	X	X	X	X	X	X	X	X

"-" Not Listed
"X" Listed

US Federal Regulations

SARA 313

No information available

SARA 311/312 Hazard Categories

No information available

CWA (Clean Water Act)

No information available

CERCLA

No information available

US State Regulations

California Proposition 65

No information available

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium tripolyphosphate 7758-29-4	-	X	-

16. OTHER INFORMATION

Revision Note

Issue Date	02-Jan-2022
Revision date	02-Jan-2022
Revision Note	Not applicable

Key or legend to abbreviations and acronyms used in the safety data sheet

TWA - TWA (time-weighted average)
STEL - STEL (Short Term Exposure Limit)
Ceiling - Maximum limit value
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

-------- End of Safety Data Sheet --------

For and behalf of
HUBEI XINGFA CHEMICALS GROUP CO.,LTD.
湖北兴发化工集团股份有限公司

Authorized Signature