Hangzhou Epsilon Chemical Co.,Ltd.

Safety Data Sheet (SDS)

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Fast Orange HL

1. Supplier: HANGZHOU EPSILON CHEMICAL CO.,LTD.

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Add: Xiaoshan Nanyang Economic Development Zone, Hangzhou, China.

2. COMPOSITION AND INFOMRATION ON THE INGREDIENTS:

Chemical characterization:
Product name: **Fast Orange HL**
CAS NO: 12236-62-3

3. HAZARD IDENTIFICATION:

Risk Symbol: Risk symbol not required
Risk phase: N. A.
Recommendations: no Hazardous component

4. FIRST AID MEASURES:

Contact with the skin: Flush skin with flowing water immediately
Contact with eyes: Immediately flush eyes with plenty of water at least 15 minutes
Ingestion: Immediately in due vomiting
Inhalation: Remove to fresh air-, if no breathing, give artificial respiration

5. FIRE PRECAUTIONS:

Appropriate extinguishers: Foam CO_2 dry powder
Prohibited means of extinguishing: water
Risks from products of combustion: N A

6. MEASUREES IN THE CASE OF ACCIDENTAL SPILLAGE:

Individual precautions: far away from goods
Environmental precautions: clean environment with water
Methods of drainage: Remove water with container

7. HANDLING AND STORAGE:

Precautions in handling: keep container tightly closed
Storage conditions: keep tightly closed packing, store in cool place
Recommended of container: Normal container

8. CONTROL OF INDIVIDUAL EXPOSURE AND PROTECTION:

Precautionary measures:
Protection of the hands: Rubber gloves
Protection of the eyes: Protecting Glasses
Respiratory protection: approved respirator

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance at 20 ℃: **Orange POWDER**
Odor: Odorless
Flash point: N.A
Melting point: 330°C
Decomposition point or range: 490°C
Solubility in water at 80°C: Insoluble

10. STABILITY AND REACTIVITY:
Conditions to be avoided: in wet places
Incompatibility with: N.A.
Dangerous products of decomposition: NO

11. TOXICOLOGIVAL INFORMATION:
Acute oral toxicity: LD_{50}(Rat): **8210mg/kg**
Coetaneous irritation: N.A
Ocular irritation: N.A

12. ECOLOGICAL INFORMATION:
Ichthyotoxicity LCO : N.A
LC_{50}(Fish): **1180 mg/L**

13. DISPOSAL CONSIDERATIONS:
Product: dispose in accordance with local and state laws
Contaminated packaging: not permitted

14. TRANSPORT INFORMATION:
This is non hazardous cargo according to updated imo/imdg regulation.

15. REGULATORY INFORMATION:
88/379/ECC(Classification and labeling)
Classification & labeling: none. The product doesn't need any label
Symbols: none
FDA Status: this product does not have FDA approval as a food additive
USDA Status: this product does not been evaluated by USDA for use in packaging material in direct contact with meat or poultry food product prepared under federal inspection

16. OTHER INFORMATION:
Department issuing data specification sheet; Registration Department
Contact: Registration Department
Heavy metals: The possible content of soluble heavy metals are micro contaminants are typically below 25ppm for each of the following:
Arsenic, Barium, Zinc, Lead, Cadmium, Chromium, Mercury, Nickel

Poly chlorinated biphenyls (PCB): From a theoretical assessment the product does not contains PCB

Inventories:
Australia: the components of the product are included in the AICS
Canada: the components of the product are included in the DSL
EU: the component of the products are included in the EINECS
USA: the components of the product are included in the TSCA

FDA and BGVV Approvals for food packaging: Uncommon with most other pigment the product is not specially approved by FDA and BGVV, but to the best of our knowledge there is no reason for any hesitation as to use the product for food packaging if no migration or peeling.
Aromatic amines: the content is below 500ppm
CONEG: The heavy metal levels referred above for cadmium, lead, mercury and chromium are to be in full complied with the U.S.CONEG permitted maximum concentration of 100ppm in packaging materials.

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