

1. SUBSTANCE AND COMPANY IDENTIFICATION

Product name : JINBEST Black HFN
Other name : Water-based Pigment Printing Colorant
Recommended use of the chemical and restrictions on use : Textile Pigment printing
Supplier's name, full address and phone number : JINCOLOR CO., LTD No.172 Pugong Road,12th Neighborhood,Puding,Xinwu Dist,Taoyuan City 32749, Taiwan(R.O.C.) TEL : +886-3-4779277 FAX : +886-3-4779929

2. HAZARD IDENTIFICATION

Hazard Category : 1. Acute toxicity (oral) category 5 2. Eye irritation category 2B
Labelling element : Symbol :  Signal word : Warning Hazard statement : 1. May be harmful if swallowed (oral). 2. Cause eye irritation. Precautionary statement : 1. Call a Poison center/doctor/physician if you feel unwell. 2. If in eyes : Immediately rinse cautiously with water for several minutes. Remove contact lenses, if present and able to do. Continue rinsing. If eye irritation persists, get medical advice/attention immediately. 3. Wear water-proof rubber gloves. 4. Do not eat/drink during usage. 5. Avoid release to the environment.
Other hazards :

3. COMPOSITION / INFORMATION ON INGREDIENTS

MIXTURES :

<u>COMPONENT</u>	<u>WEIGHT RATIO (%)</u>	<u>CAS No.</u>
Pigment Black	35 %	1333-86-4
Surfactant	16 %	55901-03-6
Water	48.6 %	7732-18-5
Biocide	0.4 %	Non-disclosure

4. FIRST-AID MEASURES

First-aid instructions by relevant routes of exposure :

Ingestion : Drink large amount of water(500ml), induce vomiting, contact physician.

Inhalation : Move to fresh air. Oxygen or artificial respiration if needed.
Contact physician.

Skin contact : Remove contaminated clothing and wash contact area with soap and water.
Contact medical center if skin irritation is caused.

Eyes contact : Immediately flush eyes with plenty of water 15 minutes. Get medical attention

Most important symptoms / effects, acute and delayed : None

First-aid personal protection : Water-proof gloves.

Prompt to doctor : Organic Phthalocyanine Blue Pigment + Nonic Surfactants.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media : Carbon dioxide (CO₂), water.

Specific hazards arising from the chemical : None

Specific extinguishing procedure : None

Special protection equipment and precautions for fire fighters : None

6. ACCIDENTAL RELEASE MEASURES

Personal protections : Wear water proof disposable gloves.

Environmental protections : Do not introduce to drains, surface and ground water.

Methods for cleaning up : Absorb with absorbent materials and transfer to PP or PE drum for disposal.

7. HANDLING AND STORAGE

Handling : Eating, drinking and smoking in working areas is prohibited.

Wash hands after use.

Avoid heating the product.

Storage : Store in cool and ventilation place and with plastic containers.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering controls :

Control factor :

Exposure limits : None

Biological limits :

Personal protection equipments :

Respiratory protection : None

Hand protection : Wear water-proof rubber gloves.

Eye protection : Safety glasses.

Skin & Body protection : Wear water-proof protection clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Black liquid	Vapor pressure	: None
Odour	: Slightly odour	Vapor density	: None
PH value	: 6 ~ 8		
Relative density	: 1.10 ~ 1.12		
Viscosity	: 1500±300CPS		
Flash point	: None		
Solubility	: Disperse in water		
Auto-ignition temperature	: None		
Flammability (solid, gas)	: None flammable		
Upper/lower flammability or explosive limits	: None		
Melting point/freezing point	: 0°C / -5°C ~ -10°C		
Initial boiling point and boiling range	: Approx. 100°C		
Decomposition temperature	: Above 400°C		

10. STABILITY AND REACTIVITY

Stability : Stable

Special conditions of hazardous reactions : None

Conditions to avoid : None

Materials to avoid : Avoid water reactive materials such as strong oxidizers, acids and alkalis, example: sulfuric acid, hydrochloric acid, peroxides, perchlorates, nitrates and permanganates.

Hazardous decomposition products : CO , CO₂ , NO₂

11. TOXICOLOGICAL INFORMATION

Routes of exposure : Through ingestion(swallowing), inhalation or skin/eye exposure.

Effects : Cause eyes irritation, allergic contact dermatitis.

Acute toxicity :

Ingestion(swallowing) : May be harmful if swallowed.

Eyes contact : eye irritation (stimulate eyes to be in tears, red)

LD₅₀ : None

LC₅₀ : None

Local effects : None

Sensitivity : Slight irritation to eyes and skin.

Chronic effects : None

12. ECOLOGICAL INFORMATION

Ecological toxicity :
Persistence and degradability :
Bioaccumulative potential :
Mobility in soil :
Other adverse effects :

13. DISPOSAL CONSIDERATIONS

Discourage sewage disposal. Disposal information : User should acquaint themselves with local regulations. Disposal is usually carried out by burning under controlled conditions at a licensed waste process.

14. TRANSPORT INFORMATION

UN Number :
UN Proper Shipping Name :
Transport hazard class(es) :
Packing Group :
Marine pollutant (yes/no) : no
Special precautions for user :

15. REGULATORY INFORMATION

General: Not labeling is required in a accordance with EC Directives. Apply regulation : 1. Occupational Safety and Heath Act 2. Waste Disposal Act 3. Water Pollution Control Act
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16. OTHER INFORMATION

Literature	Ministry of Labor, Executive Yuan : Globally Harmonization System		
References	https://www.mol.gov.tw/		
Unit of Table	Name : Developing Department		
	Address : No.172 Pugong Road,12th Neighborhood,Puding,Xinwu Dist, Taoyuan City 32749, Taiwan TEL : +886-3-4779277		
Person of Table	Title : Vice Manager	Name	Mei Ling Yang
Date of Table	2019/05/15		

The above information are made according to the data referred by Ministry of Labor Affairs and Occupation: Safety and Health Act. and to be accurated accordingly. Highly recommend the user to do small amount testing of its usability. Jincolor Co., Ltd. does not hold for any legal responsibility.

