

1. SUBSTANCE AND COMPANY IDENTIFICATION

Product name : JINBEST BROWN GRT
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
Emergency phone number : +886-3-4779277

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. Do not eat/drink during usage. 4. Avoid release to the environment.
Other hazards :

3. COMPOSITION / INFORMATION ON INGREDIENTS

MIXTURES :

<u>COMPONENT</u>	<u>WEIGHT RATIO (%)</u>	<u>CAS No.</u>
Inorganic Pigment Red 101	55 %	1309-37-1
Surfactant	15 %	99734-09-5
Water	29.6 %	7732-18-5
Biocide	0.4 %	Non-disclosure

4. FIRST-AID MEASURES

First-aid instructions by relevant routes of exposure :	
Ingestion	: Do not induce vomiting, drink large amount of water, 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 : Inorganic Pigment Red Iron Oxide + Nonic Surfactants.	

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	: Carbon dioxide (CO ₂), 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	: Brown liquid	Vapor pressure	: None
Odour	: Slightly odour	Vapor density	: None
PH value	: 6 ~ 8		
Relative density	: 2.3 ~ 2.5		
Viscosity	: 2000±500CPS		
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

Apply regulation : 1. Occupational Safety and Health Act 2. Waste Disposal Act 3. Water Pollution Control Act
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16. OTHER INFORMATION

Literature References	Ministry of Labor, Executive Yuan : Globally Harmonization System https://www.mol.gov.tw/		
Unit of Table	Name : Developing Department		
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Person of Table	Title : Vice Manager	Name	Mei Ling Yang
Date of Table	2021/01/15		