1. PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED): DEEP BLUE

SUPPLIER/MANUFACTURER’S NAME: LEGGARI PRODUCTS, LLC
ADDRESS: 3105 E AINSWORTH AVE
WAREHOUSE 5, BAY 2
PASCO, WA 99301

INFORMATION TELEPHONE: 619-369-2640
EMERGENCY TELEPHONE: 800-424-9300

2. HAZARD(S) IDENTIFICATION

CLASSIFICATION OF SUBSTANCE OR MIXTURE

According to Regulation (EC) No. 1272/2008(CLP) Not Classified
Additional information Not available

LABEL ELEMENTS

GHS label elements Not applicable
Hazard pictogram(s) Not applicable
Signal word(s) Not applicable
Hazard statement(s) Not applicable
Precautionary statement(s) Not applicable
Other hazards Not known

3. COMPOSITION/INFORMATION ON INGREDIENTS

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<td>Fluorphlogopite</td>
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4. FIRST AID MEASURES

FIRST AID MEASURES FOR DIFFERENT EXPOSURE ROUTES

**INHALATION:** Remove causality to fresh air and keep at rest

**SKIN CONTACT:** Wash affected skin with plenty of water

**EYE CONTACT:** If contact with eyes directly, flush with gently flowing fresh water thoroughly; If eye irritation persists, get medical advice/attention

**INGESTION:** If ingested, wash out mouth with water, drink milk or egg white

**Notes to Physician:** No special measures are required

MOST IMPORTANT SYSTEMS AND EFFECTS

**Both acute and delayed**

- Actue: None
- Long term (repeated): May cause irritation to the respiratory system. Cough. Increased difficulty in breathing

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Recommended:

- a. Chest XRay
- b. Lung functionality tests

5. FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA**

Suitable extinguishing media: Extinguish with waterspray, foam or dry chemical

Unsuitable extinguishing media: Carbon dioxide

**SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

- Thermal hazards: Noncombustible. None anticipated
- Advice for firefighters: Fire fighters should wear complete protective clothing including self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

- Personal precautions: Do not breathe dust
- Personal protection equipment: Wear appropriate personal protective equipment, avoid direct contact
- In case of emergency: A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions
- Environmental precautions: Do not allow to enter drains, sewers or watercourses
- Methods and material for Containment and cleaning up: Collect mechanically and dispose of according to Section 13. Use vacuum equipment for collecting spilt materials, where practicable
- Reference to other sections: See sections 8 and 13
7. HANDLING AND STORAGE

Precautions for safe handling: Avoid breathing dust
Conditions for safe storage including any incompatibilities: Keep container in a well ventilated place
Specific end use(s): Not known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters: Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures
Exposure limit values: Not known

EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS: Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate the dispersive process step away from other operations. This can be achieved by local exhaust ventilation or general ventilation
INDIVIDUAL PROTECTIONS MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT (PPE)

HAND/EYE/FACE PROTECTION: Wear gloves, eye protection and an approved dust mask if dust is generated during handling. Goggles giving complete protection to eyes. Dust mask covering nose and mouth.
SKIN PROTECTION: Apron or other light protective clothing, boots and plastic or synthetic rubber gloves
RESPIRATORY PROTECTION: Dust mask covering nose and mouth
THERMAL HAZARDS: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder
Color: Deep Blue
Odor: Odorless
pH: 6.0-9.0 (4% H2O)
Boiling point, °C: Not applicable
Melting point, °C: Decomposes
Freezing point, °C: Not applicable
Density: 2.8-3.2 kg/L
Bulk density: 20-30g/100g
Vapour pressure: Not applicable
Solubility (in water): Insoluble
Particle size: 10-100μm

10. STABILITY AND REACTIVITY

Reactivity: There may be violent or incandescant reaction of the product with metals at high temperatures (e.g., aluminium; calcium; magnesium; potassium; sodium; zinc; lithium)
Chemical stability: Stable under normal conditions
Possibility of hazardous reactions: None
Conditions to avoid: High temperature
Incompatible materials: Strongly acidic, strongly alkaline, oxidizing agents
Decomposition products: No information available

11. TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS
This inorganic pigment in general is considered to be practically nontoxic.

ACUTE TOXICITY
Not available

CARCINOGENICITY
Not available

12. ECOLOGICAL INFORMATION

TOXICITY: No data
PERSISTENCE AND DEGRADABILITY: Insoluble in water. This product is predicted not to degrade in soil and water
BIOACCUMULATIVE POTENTIAL: No data
MOBILITY IN SOIL: Not applicable
RESULTS OF PBT AND VPVB ASSESSMENT: Not applicable
OTHER ADVERSE EFFECTS: Not known

13. DISPOSAL CONSIDERATION

WASTE TREATMENT METHODS
Dispose of contents in accordance with local, state or national legislation

14. TRANSPORT INFORMATION

Not classed as dangerous for transport.

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<th>IMDG</th>
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15. REGULATORY INFORMATION

16. OTHER INFORMATION

Annex to the extended Safety Data Sheet (eSDS)

ADR : EUROPEAN AGREEMENT CONCERNING INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD
CAS : CHEMICAL ABSTRACTS SERVICE
EC : EUROPEAN COMMUNITY
ICAO : INTERNATIONAL CIVIL AVIATION ORGANIZATION
IMDG : INTERNATIONAL MARITIME DANGEROUS GOODS
IATA : INTERNATIONAL AIR TRANSPORT ASSOCIATION

DATA SOURCES
NPIRI RAW MATERIAL HANDBOOK, VOLUME 4, PIGMENTS, SECOND EDITION, 2001
BOOK ON “SAFE HANDLING OF PIGMENTS”, EUROPEAN EDITION 1995, BCMA, EPSOM ETAD, VDMI
HSDB
NIOSH ICSC
HAZARDOUS SUBSTANCE FACT SHEET, NEW JERSEY DEPARTMENT OF HEALTH AND SENIOR SERVICE