

SAFETY DATA SHEET

1. SUBSTANCE / PREPARATION AND COMPANY IDENTIFICATION

PRODUCT CODE: 60356
CHEMICAL FAMILY: MIXTURE
PRODUCT NAME: DISPERSION WBC DPB-15 FC

C.I. Name: MIXTURE
C.I. Number: MIXTURE

Use description

A dispersion with high pigment content in non-ionic and anionic dispersants, it is compatible with aqueous systems and does not alter the coating coverage properties. It is designed for in-plant dyeing of emulsified paints and some industrial water-based paints. It is also used in various aqueous systems such as soaps and detergents, school supplies, adhesives, and other products.

Manufacturer

Pyosa Industrias, S.A.P.I. de C.V.
Ave. Industrias 1200 Pte
Monterrey, N.L., 64410
México

Emergency Telephone Numbers

Transportation: (81) 8625 5600
Product Safety: (81) 8625 5600
SETIQ: 01-(800)-00-214-00

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Chronic toxicity to the aquatic environment, Category 4
Serious eye damage/eye irritation, Category 2
Skin irritation, category 2
Skin sensitization, category 1

2.2 GHS Label elements, including precautionary statements.

Pictogram



Signal Word

Attention

Hazard statement(s)

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H413 May cause long lasting harmful effects to aquatic life.

Prudence codes:

P264 Wash thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352 IF ON SKIN: wash with plenty of water.
P333+P313 IF SKIN irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container in accordance with local/regional/national regulation.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Hazard components:

COMPONENT	No. CAS	COMPOSITION
C.I Pigment Blue 15:0	147-14-8	40 - 45%
Sulfated POE nonylphenol sodium salt	9014-90-8	5 - 10%

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

Move person into fresh air. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and keep eyes open. If irritation persists consult a physician.

If swallowed

Rinse out mouth and then drink plenty of water. Do not induce vomiting. Consult a doctor if necessary.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media

Carbon dioxide, dry chemical or foam recommended. Apply water spray to cool exposed closed containers.

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for firefighters

Self-contained breathing apparatus (SCBA) and full protective equipment recommended.

5.4 Further information

Improper handling of any finely divided organic pigment powder may lead to dust cloud formation which may be an explosion hazard.

6. ACCIDENTAL RELEASE MEASURE

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Avoid the formation of dust. Use personal protective clothing. Eliminate possible ignition points and, if applicable, ventilate the area. No Smoking. Avoid direct contact with the product. Avoid breathing dust. Keep people without protection in a position opposite to the direction of the wind.

6.2 Environmental precautions

Avoid the contamination of drains, surface or underground water, as well as soil. In case of large spills or if the product contaminates lakes, rivers or sewers, inform the competent authorities, according to local legislation.

6.3 Methods and materials for containment and cleaning up

Recovery: Aspirate the liquid in bulk or absorb it with inert absorbent.
Disposal: Dispose of in accordance with federal, state and local regulations.
Several options may be available.

6.4 Reference to other sections:

For emergency contact information, see section 1. For handling information safety, see section 7. For exposure control and individual protection measures, see section 8. For subsequent disposal of waste, follow the recommendations in section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid employee exposure through the use of appropriate engineering controls and good industrial hygiene practices. Proper extraction must be available in those places where dust is formed.

7.2 Conditions for safe storage, including any incompatibilities

Store in a moderately cool, dry, well-ventilated area away from direct sources of heat. Empty containers may contain product residues and should be handled appropriately. Position containers so that any labelling information is visible.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

No data available.

8.2 Exposure controls

Appropriate engineering controls

The use of local exhaust ventilation is recommended.

8.3 Personal protective equipment

Eyes/Face protection:

Safety glasses with side-shields.

Skin protection

Wear chemical resistant protective gloves. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection

Impervious clothing should be worn when gross contact is likely, such as when cleaning up spills of large amounts.

9. PHYSICAL AND CHEMICAL PROPERTIES

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|--|----------------------|
| a) Appearance (physical state, color, etc): | Liquid, blue. |
| b) Odour: | Not available |
| c) Odour Threshold: | Not available |
| d) pH: | 5.5 – 9.5 |
| e) Melting point/freezing point: | Not available |
| f) Initial boiling point and boiling range: | Not available |
| g) Flash point: | Not available |
| h) Evaporation rate: | Not apply |
| i) Flammability (solid, gas): | Not easily flammable |
| j) Upper/lower flammability/ explosive limits: | Not available |

k) Vapour pressure:	Not apply
l) Vapour density:	Not available
m) Relative density:	1.20-1.27 g/mL
n) Water solubility:	Dispersible in water
o) Partition coefficient: n-octanol/water:	Not study needed.
p) Auto-ignition temperature:	Not self-igniting
q) Decomposition temperature:	Not available
r) Viscosity:	Not apply
s) Molecular weight:	Not available
t) Other relevant information:	Not available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

10.2 Chemical stability

The product is stable if stored and handled as prescribed/indicated.

10.3 Possibility of hazardous reactions

This product is a stable compound and hazardous polymerization will not occur.

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Avoid strong oxidizing agents such as peroxides, chlorates, perchlorates, nitrates, and permanganates. Oxidizing materials may vigorously evolve oxygen in large amounts.

10.6 Hazardous decomposition products

When involved in a fire, burning organic pigments may evolve noxious gases which are toxic. These compounds may include carbon monoxide, carbon dioxide, nitrous oxides, or hydrogen chloride, depending on the pigment type.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity

Sulfated POE nonylphenol sodium salt CAS 9014-90-8

Oral:	LD 50 (Rat): 10.000 mg/kg
Dermal:	No data available
Inhalation:	No data available

Pigment Blue 15:0 CAS 147-14-8

Oral:	LD 50 (Rat): 5.000 mg/kg
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Corrosion / skin irritation

Causes skin irritation.

Serious eye injury / eye irritation:

Severe irritant (100 µL/24h, rabbit).

Respiratory or skin sensitization:

May produce an allergic reaction on skin.

Carcinogenicity:

In view of the available data, the classification criteria are not met.

Reproductive Toxicity:

In view of the available data, the classification criteria are not met.

Specific systemic toxicity of target organs - single exposure:

In view of the available data, the classification criteria are not met.

Aspiration hazard:

In view of the available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

C.I Pigment Blue 15:0 CAS 147-14-8

Fish toxicity

Mortality CL50 - Danio rerio (zebra fish) - > 100 mg/l - 96 h

(Test Guidelines 203 of the OECD)

Mortality CL50 - Cyprinus carpio (Carpio) - > 100 mg/l - 96 h

(Test Guidelines 203 of the OECD)

Aquatic invertebrates

Immobilization CE50 - Daphnia magna (Large sea flea) - > 500 mg/l - 48h

(Directive 67/548/CEE, Annexed V, C.2.)

Aquatic plants

Static test CE50 - Desmodosmus subspicatus (Green algae) - > 100 mg/l -72 h

(OECD TG 201).

Sulfated POE nonylphenol sodium salt CAS 9014-90-8

Pez - CL50, 96h, Oryzias latipes: 25 mg/L.

Alga - CE50, Green algae: 380 mg/L.

Invertebrado - CE50, 48h, Water flea: 21 mg/L.

12.2 Persistence and degradability

It is not readily biodegradable.

12.3 Bioaccumulative potential

Low bioaccumulation potential.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

12.6 Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Dispose surplus and non-usable solutions to an accredited company in handling and confinement of hazardous waste.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

• UN-Number	NOT REGULATED
• Proper Shipping Name	NOT REGULATED
• Hazard Class	NOT REGULATED
• Packing group	NOT REGULATED

15. REGULATORY INFORMATION**15.1 Regulation and legislation on safety, health and the environment specific to the substance or mixture**

This security sheet complies with the legal regulations of Mexico: NOM-018-STPS-2015.

All chemical substances in this product are either listed on the TSCA Inventory or in compliance with a TSCA Inventory exemption.

15.2 Chemical safety assessment:

Not available

16. OTHER INFORMATION**16.1 Abbreviations and acronyms**

N.A.: No applicable.

N.D.: Sin información disponible.

CAS: Servicio de Resúmenes Químicos

ACGIH: American Conference of Governmental Industrial Hygienists.

TLV: Valor Límite Umbral

PEL: Límite de Exposición Permitido

DL50: Dosis Letal Media.

CL50: Concentración Letal Media.

CE50: Concentración Efectiva Media

16.2 History

Date of issue / revision: 03/05/2023

Date of the previous edition: 0

Version: 0

16.3 Notice to reader.

This information is considered accurate but is not exhaustive and shall only be used as a guideline based on current knowledge of the chemical substance or mixture. Safety precautions suitable for the product must be applied. This document should only be used as a guide for handling the product with the appropriate precautions. PYOSA INDUSTRIAS SAPI DE CV assumes no responsibility for claims, losses or damages resulting from the inappropriate use of the product and / or a different use for which it was designed for. We recommend you do your own research to determine the suitability of the information provided in this sheet according to your particular purposes.