

SAFETY DATA SHEET

1. SUBSTANCE / PREPARATION AND COMPANY IDENTIFICATION

PRODUCT CODE: 59457
CHEMICAL FAMILY: Mixture
PRODUCT NAME: NEGRO SÓLIDO NC-200 MX

C.I. Name: Mixture
C.I. Number: Mixture

Use description

Coloration of cement-based construction materials, seeds, fertilizers, colors for detergents, soaps and other water-based applications.

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

Severe eye damage/irritation, category 1
Skin irritation, category 2
Acute aquatic toxicity, category 2

2.2 GHS Label elements, including precautionary statements.



Pictogram

Signal Word Danger

Hazard statement(s)

H315 Causes skin irritation.
H318 Causes serious eye damage
H401 Toxic to aquatic life

Prudence codes:

P264 Wash hands thoroughly after handling
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Immediately call a doctor.
P332+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing. And wash it before reuse

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	CLASIFICACION	COMPOSITION
alkyl naphthalene sulfonate, sodium salt	N.A.	Serious Eye Damage/ Eye Irritation, category 1. Skin irritation, category 2. Aquatic life toxicity, category 3.	1-5%
Etoxilated alcohols C12-C16	68551-12-2	Aquatic life toxicity, category 2.	15-20%
Aromatic sulphonated polimers, sodium salt	N.A.	Serious Eye Damage/ Eye Irritation, category 1.	10-15%

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

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

Stop and collect the spill using a vacuum cleaner or a wet brush. Do not use dry brushes, as dust clouds may form or create electrostatic charges. Transfer to an appropriate container for recovery or disposal and dispose according to local regulations.

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

Component	Cas No.	Value	Parameters	
Aromatic sulphonated polimers, sodium salt	N.A.	TWA	15 mg/m3	OSHA Z-3

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.

Respiratory protection

NIOSH approved dust respirators are recommended when handling in areas of pigment dusting.

9. PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance (physical state, color, etc) :	Black, Powder
b) Odour:	No characteristic odor
c) Odour Threshold:	Not available
d) pH:	Not available
e) Melting point/freezing point:	Not available
f) Initial boiling point and boiling range:	Not available
g) Flash point:	Not study needed.
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:	Not available
n) Water solubility:	Dispersible in water
o) Partition coefficient: n-octanol/water	Not available
p) Auto-ignition temperature:	Not self-igniting
q) Decomposition temperature:	Not available
r) Viscosity	Not apply
s) Molecular weight	Mixture
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

No data available.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity

Etoxicated alcohols C-12-16 DL50 (Rat) > 2000 mg/kg

Alkyl naphthalene sulfonate, sodium salt DL50 (Rat) 2000 – 5000 mg/kg

Aromatic sulphonated polimers, sodium salt DL50 (Rat) > 5000 mg/kg

Corrosion / skin irritation

Causes skin irritation.

Serious eye injury / eye irritation:

Causes severe eye irritation.

Respiratory or cutaneous sensitization:

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

Carcinogenicity:

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

Toxicity for reproduction:

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

Specific systemic toxicity of the target organ-single exposure:

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

Specific systemic toxicity of the target organ-repeated 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

Etoxicated alcohols C12-16

Fish toxicity CL50 Danio rerio (zebrafish) 0.876 mg/L, 96 hr exposure

Aquatic invertebrates CE50 Daphnia magna (water flea) 0.39 mg/l, Directive 67/548/CEE

Alkyl naphthalene sulphonated sodium salt

LC50 10-100 mg/L

Aromatic sulphonated polymers sodium salt

CL50 10-100 mg/L, 96 hr exposure

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

Low bioaccumulative potencial

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
- Proper Shipping Name
- Hazard Class
- Packing group

NOT REGULATED
NOT REGULATED
NOT REGULATED
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

15.2 Chemical safety assessment:

Not available

16. OTHER INFORMATION

16.1 Abbreviations and acronyms

N.A.: Not applicable.

N.D.: Not available.

ACGIH: American Conference of Governmental Industrial Hygienists.

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

DL50: Lethal dose 50%.

CL50: Lethal concentration 50%.

CE50: Half maximal effective concentration

16.2 Historial

Date of issue / revision: 11/10/2018

Date of the previous edition: -

Version: 1

16.3 Extension of responsibility

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