

Safety Data Sheet

According to 91/155 EEC

Printing date 13.06.2014

Revision: 13.06.2014

1 Identification of the substance/preparation and of the company/undertaking

· **Product details**

· **Trade name:** INDL AQUAPOX COLORS

· **Manufacturer/Supplier:**

Treasure Island Industrial Corp.
No.2, 3rd Ave. S. Osmena Blvd.
North Reclamation Area
Cebu City 6000
PHILIPPINES
doo@treasureisland.com.ph

· **Further information obtainable from:** Product safety department













· **Information in case of emergency:** During normal opening times: +63 32 232 05 13

2 Composition/information on ingredients

· **Chemical characterization**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

	PIGMENT  T,  Xi,  N; R 49-45-60-20/22-36/37/38-62-51/53-63-64 Danger:  3.1.O/3, 3.1.I/4, 3.2/2, 3.3/2A, 3.8/3;  3.6/1A, 3.7/1A  4.1.C/2; 4.1.A/2	27.45%
7632-00-0	sodium nitrite  T,  O,  N; R 8-25-50 Danger:  3.1.O/3 Warning:  2.14/3;  4.1.A/1	0.156%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

· **Hazard description:**



T Toxic
N Dangerous for the environment

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 49 May cause cancer by inhalation.

R 45 May cause cancer.

R 60 May impair fertility.

R 20/22 Also harmful by inhalation and if swallowed.

R 36/37/38 Irritating to eyes, respiratory system and skin.

R 62 Possible risk of impaired fertility.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 63 Possible risk of harm to the unborn child.

R 64 May cause harm to breastfed babies.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

(Contd. on page 2)

Safety Data Sheet

According to 91/155 EEC

Printing date 13.06.2014

Revision: 13.06.2014

Trade name: INDL AQUAPOX COLORS

(Contd. of page 1)

· **GHS label elements**

**Danger**

- 3.1/3 - Toxic if inhaled.
- 3.1/4 - Harmful if swallowed.
- 3.2/2 - Causes skin irritation.
- 3.3/2A - Causes serious eye irritation.
- 3.8/3 - May cause respiratory irritation.

**Danger**

- 3.6/1A - May cause cancer.
- 3.7/1A - May damage fertility or the unborn child. May cause harm to breast-fed children.



- 4.1/2 - Toxic to aquatic life with long lasting effects.

· **Prevention:**

Avoid contact during pregnancy/while nursing.
Do not breathe dust/fume/gas/mist/vapours/spray.

· **Response:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see on this label).

· **Storage:**

Store locked up.

· **Disposal:**

Dispose of contents/container in accordance with local/regional/national/international regulations.

4 First aid measures

· **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· **After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** Call for a doctor immediately.

5 Fire-fighting measures

· **Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

(Contd. on page 3)

Safety Data Sheet

According to 91/155 EEC

Printing date 13.06.2014

Revision: 13.06.2014

Trade name: INDL AQUAPOX COLORS

(Contd. of page 2)

- **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes and skin.
- **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**



Protective gloves

(Contd. on page 4)

RP

Safety Data Sheet

According to 91/155 EEC

Printing date 13.06.2014

Revision: 13.06.2014

Trade name: INDL AQUAPOX COLORS

(Contd. of page 3)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

· **General Information**

Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

· **Flash point:** Not applicable.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density at 20°C:** 1.31 g/cm³

· **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

· **Solvent content:**

Organic solvents:	0.0 %
Water:	9.1 %
VOC (EC)	0.00 %

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Materials to be avoided:**

· **Dangerous reactions** No dangerous reactions known.

· **Dangerous decomposition products:** No dangerous decomposition products known.

RP

(Contd. on page 5)

Safety Data Sheet

According to 91/155 EEC

Printing date 13.06.2014

Revision: 13.06.2014

Trade name: INDL AQUAPOX COLORS

(Contd. of page 4)

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Harmful
Irritant

12 Ecological information

- **Ecotoxicological effects:**
 - **Remark:** Toxic for fish
 - **Additional ecological information:**
 - **General notes:**
- Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**



- **ADR/RID class:** 6.1 Toxic substances.
- **Danger code (Kemler):** 60
- **UN-Number:** 3287
- **Packaging group:** III
- **Hazard label:** 6.1
- **Special marking:** Symbol (fish and tree)

(Contd. on page 6)

RP

Safety Data Sheet

According to 91/155 EEC

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Revision: 13.06.2014

Trade name: **INDL AQUAPOX COLORS**

(Contd. of page 5)

· **Description of goods:** 3287 TOXIC LIQUID, INORGANIC, N.O.S. (PIGMENT)

· **Maritime transport IMDG:**



· **IMDG Class:** 6.1
 · **UN Number:** 3287
 · **Label** 6.1
 · **Packaging group:** III
 · **EMS Number:** F-A,S-A
 · **Marine pollutant:** Yes
 Symbol (fish and tree)
 · **Proper shipping name:** TOXIC LIQUID, INORGANIC, N.O.S. (PIGMENT)

· **Air transport ICAO-TI and IATA-DGR:**



· **ICAO/IATA Class:** 6.1
 · **UN/ID Number:** 3287
 · **Label** 6.1
 · **Packaging group:** III
 · **Proper shipping name:** TOXIC LIQUID, INORGANIC, N.O.S. (PIGMENT)

· **UN "Model Regulation":** UN3287, TOXIC LIQUID, INORGANIC, N.O.S., 6.1, III
 · **Environmental hazards:** Product contains environmentally hazardous substances: sodium nitrite, PIGMENT

15 Regulatory information

· **Philippines Inventory of Chemicals and Chemical Substances**

7632-00-0	sodium nitrite
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· **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· **Code letter and hazard designation of product:**



T Toxic
 N Dangerous for the environment

· **Hazard-determining components of labelling:**
 PIGMENT

· **Risk phrases:**

49 May cause cancer by inhalation.
 45 May cause cancer.
 60 May impair fertility.
 20/22 Also harmful by inhalation and if swallowed.
 36/37/38 Irritating to eyes, respiratory system and skin.

(Contd. on page 7)

Safety Data Sheet

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Trade name: INDL AQUAPOX COLORS

(Contd. of page 6)

- 62 Possible risk of impaired fertility.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 63 Possible risk of harm to the unborn child.
- 64 May cause harm to breastfed babies.
- **Safety phrases:**
- 53 Avoid exposure - obtain special instructions before use.
- 1/2 Keep locked up and out of the reach of children.
- 29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
- 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
- 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant R-phrases**

- 20/22 Harmful by inhalation and if swallowed.
- 25 Toxic if swallowed.
- 36/37/38 Irritating to eyes, respiratory system and skin.
- 45 May cause cancer.
- 49 May cause cancer by inhalation.
- 50 Very toxic to aquatic organisms.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 60 May impair fertility.
- 62 Possible risk of impaired fertility.
- 63 Possible risk of harm to the unborn child.
- 64 May cause harm to breastfed babies.
- 8 Contact with combustible material may cause fire.

· **Department issuing MSDS: Product safety department**

· **Contact: Mr. Ong**

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

VOC: Volatile Organic Compounds (USA, EU)