Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 01.09.2010 Revision: 01.09.2010

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

· **Product details**

· **Trade name: X101 XYLADECOR CLEAR**

· **Application of the substance / the preparation**
Boysen Xyladecor is a solvent based, deep penetrating type of stain that combines decorative water repellent and wood preserving properties in one and dries to a silk matted finish. It emphasizes the grain bringing out the natural beauty in any kind of wood.

· **Manufacturer/Supplier:**
Pacific Paint (Boysen) Philippines, Inc.
292 D. Tuazon St., Quezon City
1115 Philippines

· **Further information obtainable from:** Product safety department
· **Information in case of emergency:**
Telephone Nos. : +63 2 364 3505; +63 2 365 0561
Facsimile Nos. : +63 2 367 8878; +63 2 364 0472
Email Address : inquiry@boysen.com.ph
Website Address : www.boysen.com.ph

2 Hazards identification

· **Hazard description:**



T Toxic

· **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 45 May cause cancer.
R 46 May cause heritable genetic damage.
R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 65 Harmful: may cause lung damage if swallowed.
· **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
· **GHS label elements**



Danger

3.5/1B - May cause genetic defects.
3.6/1B - May cause cancer.
3.10/1 - May be fatal if swallowed and enters airways.
Warning
2.6/4 - Combustible liquid.
4.1/3 - Harmful to aquatic life with long lasting effects.
· **Prevention:**
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
Use personal protective equipment as required.
· **Response:**
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
IF exposed or concerned: Get medical advice/attention.

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Do NOT induce vomiting.
In case of fire: Use for extinction: CO2, powder or water spray.
· **Storage:**
Store in a well-ventilated place. Keep cool.
Store locked up.
· **Disposal:**
Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients

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

· **Dangerous components:**

CAS: 64742-81-0 EINECS: 265-184-9	Kerosine (petroleum), hydrodesulfurized Xn; R 65 Danger: 3.10/1	50-100%
CAS: 64742-94-5 EINECS: 265-198-5	Solvent naphtha (petroleum), heavy arom. Xn; R 65 Danger: 3.10/1 Warning: 2.6/3	10-25%
CAS: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy Carc. Cat. 2, Muta. Cat. 2; T; R 45-46-65 Danger: 3.5/1B, 3.6/1B, 3.10/1 Warning: 2.6/4	2.5-10%
CAS: 91-20-3 EINECS: 202-049-5	naphthalene Carc. Cat. 3; Xn, N; R 22-40-50/53 Danger: 3.1.O/3 Warning: 3.6/2; 4.1.C/1; 2.6/4	≤ 2.5%
CAS: 64742-82-1 EINECS: 265-185-4	Naphtha (petroleum), hydrodesulfurized heavy Carc. Cat. 2, Muta. Cat. 2; T; R 45-46-65 Danger: 3.5/1B, 3.6/1B, 3.10/1 Warning: 2.6/3	≤ 2.5%
CAS: 52315-07-8 EINECS: 257-842-9	cypermethrin cis/trans +/-40/60 Xn, Xi, N; R 20/22-37-50/53 Danger: 3.1.I/3, 3.1.O/4, 3.8/3 Warning: 4.1.C/1	≤ 2.5%
CAS: 1085-98-9 EINECS: 214-118-7	dichlofluanid (ISO) Xn, Xi, N; R 20-36-43-50 Warning: 4.1.A/1; 3.1.I/4, 3.3/2A, 3.4.S/1	≤ 2.5%
CAS: 22464-99-9 EINECS: 245-018-1	Zirconium 2-ethylhexanoate 2-ethylhexanoic acid zirconium salt Xn, Xi, N; R 10-20/21-36/37/38-51/53-65 Danger: 3.1.D/3, 3.1.I/4, 3.2/2, 3.3/2A, 3.8/3; 3.10/1 Warning: 2.6/3 4.1.C/2	≤ 2.5%

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

4 First aid measures

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.
· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
· **After eye contact:** Rinse opened eye for several minutes under running water.

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· **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

· **Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **Protective equipment:** No special measures required.

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:**	
64742-81-0 Kerosine (petroleum), hydrodesulfurized	
REL (USA)	100 mg/m³
TLV (USA)	200 mg/m³ as total hydrocarbon vapor; Skin; P
91-20-3 naphthalene	
PEL (USA)	50 mg/m³, 10 ppm
REL (USA)	Short-term value: 75 mg/m³, 15 ppm Long-term value: 50 mg/m³, 10 ppm
TLV (USA)	Short-term value: 79 mg/m³, 15 ppm Long-term value: 52 mg/m³, 10 ppm Skin
IOELV (EU)	30 mg/m³, 10 ppm

· **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.

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Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Store protective clothing separately.

· **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

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:	180°C
· **Flash point:**	63°C
· **Self-igniting:**	Product is not selfigniting.
· **Danger of explosion:**	Product does not present an explosion hazard.
· **Density:**	0.79-0.89 Kg/Li
· **Solubility in / Miscibility with water:**	Not miscible or difficult to mix.
· **Solvent content:**	
Organic solvents:	57.6 %
VOC (EC)	52.88 %

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· **Solids content:** 18.0 %

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Dangerous reactions** No dangerous reactions known.
· **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values relevant for classification:**		
64742-48-9 Naphtha (petroleum), hydrotreated heavy		
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>3000 mg/kg (rab)
91-20-3 naphthalene		
Oral	LD50	490 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rat)

· **Primary irritant effect:**
· **on the skin:** Cause mild irritation
· **on the eye:** No 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:
Carcinogenic.
The product can cause inheritable damage.

12 Ecological information

· **Ecotoxical effects:**
· **Remark:** Harmful to fish
· **General notes:** Harmful to 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:** -

· **Maritime transport IMDG:**
· **IMDG Class:** -

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· **Marine pollutant:** No

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

· **UN "Model Regulation":** -

15 Regulatory information

· **Philippines Inventory of Chemicals and Chemical Substances**
All ingredients are listed.

· **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

· **Hazard-determining components of labelling:**
Kerosine (petroleum), hydrodesulfurized
Solvent naphtha (petroleum), heavy arom.
Naphtha (petroleum), hydrotreated heavy
Naphtha (petroleum), hydrodesulfurized heavy

· **Risk phrases:**
45 May cause cancer.
46 May cause heritable genetic damage.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed.

· **Safety phrases:**
53 Avoid exposure - obtain special instructions before use.
1/2 Keep locked up and out of the reach of children.
13 Keep away from food, drink and animal feedingstuffs.
20 When using do not eat or drink.
29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

· **Special labelling of certain preparations:**
Contains dichlofluanid (ISO), cobalt bis(2-ethylhexanoate). May produce an allergic reaction.

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**
10 Flammable.
20 Harmful by inhalation.
20/21 Harmful by inhalation and in contact with skin.
20/22 Harmful by inhalation and if swallowed.
22 Harmful if swallowed.
36 Irritating to eyes.

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36/37/38 Irritating to eyes, respiratory system and skin.
37 Irritating to respiratory system.
40 Limited evidence of a carcinogenic effect.
43 May cause sensitisation by skin contact.
45 May cause cancer.
46 May cause heritable genetic damage.
50 Very toxic to aquatic organisms.
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed.

· **Department issuing MSDS:**
Safety, Health and Environment Department
Gretchen A. Fontejon - g_fontejon@boysen.com.ph
Joanne C. Ysrael - joanneysrael@boysen.com.ph

· **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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

· **** Data compared to the previous version altered.*** *01.09.2010*