

MATERIAL SAFETY DATA SHEET
TITAN PAINTS AND CHEMICALS (P) LTD



1. PRODUCT AND COMPANY IDENTIFICATION:

Trade Name : **FLOOR DISINSECTANT**

Manufacturer /supplier : **TITAN PAINTS AND CHEMICALS (P) LIMITED**
Door No -305, Pollachi Main Road,
Sundarapuram,
Coimbatore, Tamilnadu,
India. Pin: 641021

Email : lpdrd@titanpaints.in & lpdsales@titanpaints.in

Informing Department : Product Safety Department

Emergency Information : 0422-2672894

Issue Date : 02/05/2020

2. COMPOSITION/DATA ON COMPONENTS:

Pure substance/mixer: Mixer

Chemical name	CAS-NO	Concentration (%)
Sodium Hypochlorite	7681-52-9	3

Dangerous Components: Nil

3. HAZARDS IDENTIFICATION:

GHS classification: Category 1 and 2B

Hazard Statements : May cause an allergic skin reaction. Causes eye irritation.

Precautionary Statements : **Prevention:**
Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

Response:

IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Wash contaminated clothing before reuse.

Disposal: Dispose of contents/ container to an approved waste disposal plant.

Other hazards : Mixing this product with acid or ammonia releases chlorine gas.

4. FIRST AID MEASURES:

- a. **INHALATION:** Remove the victim from exposure & move to fresh air immediately. Give artificial respirator or oxygen if needed.
- b. **SKIN CONTACT:** In case of contact (other than specified use), immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Call a physician immediately.
- c. **EYE CONTACT:** Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally.
- d. **INGESTION:** Give large amounts of water to drink. Never give anything by mouth to an unconscious person. Call a physician immediately.

5. FIRE FIGHTING MEASURES:

Specific hazards during fire fighting : Not flammable or combustible.

Hazardous combustion products : Decomposition products may include the following materials: Carbon oxides
Hydrogen chloride

Special protective equipment for fire-fighters : Use personal protective equipment.

Specific extinguishing methods: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES:

Person-related safety precautions: See section 8

a. Measures for environmental protections:

Do not allow to enter drainage system, surface or ground water. Prevent from spreading (e.g. by damming-in)

Do not allow to enter the ground / soil.

b. Measures for cleaning / collecting:

Absorb with liquid-binding material (sand, diatomite, universal binders and sawdust).

7. HANDLING AND STORAGE:

Advice on safe handling : Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Mixing this product with acid or ammonia releases chlorine gas. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE).

Conditions for safe storage : Do not store near acids. Keep out of reach of children. Store in suitable labeled containers.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations Below occupational exposure standards.

Personal protective equipment

Eye protection : No special protective equipment required.

Hand protection : No special protective equipment required.

Skin protection : No special protective equipment required.

Respiratory protection : No personal respiratory protective equipment normally required.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	: liquid
Color	: clear, light yellow
Odor	: Chlorine
pH	: 12.0 - 12.8, (100 %)
Flash point	: Not applicable, Does not sustain combustion.
Odor Threshold	: No data available
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: 100

10. STABILITY AND REACTIVITY:

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Mixing this product with acid or ammonia releases chlorine gas.
Conditions to avoid	: None known.
Incompatible materials	: Acids, Metals and Organic materials
Hazardous decomposition products	: Decomposition products may include the following materials: Carbon oxides and Hydrogen chloride gas

11. TOXICOLOGICAL INFORMATION:

- a. Acute toxicity
- b. Primary irritant effect
- c. On the skin: No irritant effect known
- d. On the eye: No irritant effect known
- e. Sensitization: No sensitizing effect known

12. INFORMATION:

General notes:

- a. Water hazard class 1 (self-assessment): Slightly hazardous for water
- b. Do not allow to reach ground water, water bodies or sewage system

13. DISPOSAL CONSIDERATIONS:

As per local statutory standards

14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

15. REGULATORY INFORMATION:

- a. National regulations
- b. Classification according to
VbF: Void Water hazard
Class:
- c. Water hazard class 1 (self-assessment): Slightly hazardous for water

16. OTHER INFORMATION:

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.