

MATERIAL SAFETY DATA SHEET

TITAN PAINTS AND CHEMICALS (P) LTD



1. PRODUCT AND COMPANY IDENTIFICATION:

Trade Name : **ADWAITH SAFITIZER**

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:

Mixture of:

- Isopropyl Alcohol
- Aqua
- Hydrogen peroxide(3%)
- Glycerol
- Fragrance

Dangerous Components: NIL

3. HAZARDS IDENTIFICATION:

NFPA Hazard signal	Health	Flammability	Reactivity	Special
Known Hazards	1	3	0	-
Combustible Liquid Flammable Material	-	-	-	-
Prophoric Material	-	-	-	-
Explosive Material	-	-	-	-
Unstable Material	-	-	-	-

4. FIRST AID MEASURES:

- **INHALATION:** Remove the victim from exposure & move to fresh air immediately. Give artificial respirator or oxygen if needed.
- **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.
- **EYE CONTACT:** Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally.
- **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:

Suitable extinguishing agents

- CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol - resistant foam. Use fire fighting measures that suit the environment.
- For safety reasons unsuitable extinguishing agents Water with a full water jet.

Protective equipment:

In case of firefighting: Wear self-containing breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES: SEE SECTION 8.

- Person-related safety precautions: See section 8
- 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.
- Measures for cleaning / collecting:
Absorb with liquid-binding material (sand, diatomite, universal binders and sawdust).

7. HANDLING AND STORAGE:

Equipment Required:

Eyes: Safety goggles

Respiratory: If the exposure limit is exceeded, a full face piece respirator with organic vapour cartridge may be worn up to 50 times the exposure limit.

Gloves: Protective.

Clothing: Protective clothing, including boots, gloves, lab coat or coveralls to prevent skin.

Others (specify): Neoprene & nitrile rubber are recommended materials.

PRECAUTIONS:

Handling: Avoid Heat and Spark during Handling.

Storage: Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Equipment required	Fire Extinguish Media:	Water spray, dry chemical, alcohol foam, or Carbon dioxide. Water spray may be used to keep fire-exposed containers cool.
	Special Procedures:	In the event of a fire, wear full protective clothing and NISOH approved self-contained breathing apparatus with full –face piece operated in the pressure demand or other positive pressure mode.
	Unusual Hazards:	Above flash point, vapour-air mixtures are explosive within flammable limits noted above. Contact with strong oxidiser may cause fire or explosion.
Exposure (Inhalation, skin, and eye contacts ingestion)	First Aid Measure:	If inhaled, remove the victim to fresh air area. Give artificial respiration or oxygen if required. If eyes and skin affected, wash with plenty of water. Seek medical Aid immediately.
Spills	Steps to be taken:	Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert medical. (e.g. vermiculite, dry sand, earth)

9. PHYSICAL AND CHEMICAL PROPERTIES:

Characteristics	Results	Method
Form	liquid	
Appearance	Clear liquid	
Odor	Rose/sandal	
Change in Condition		
Melting Point/Melting Range	Not determined	
Boiling Point/Boiling Range	Not applicable	
Flash Point	16-22 deg C	ASTM D92

Composition Temperature	Not determined	
Self-Inflammability	Product is not self-igniting	
Danger of Explosion	Product is not explosive	
Density at 29.5 ^o C	0.85 g/cm ³	DIN 51 757
Solubility in / Miscibility with Water	Fully miscible	
Viscosity or Consistency-Class		

Kinematic Viscosity at 40 ^o C	Not applicable	
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10. STABILITY AND REACTIVITY:

- Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications
- Dangerous reaction: No dangerous reactions known
- Dangerous products of composition: No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION:

- Acute toxicity
- Primary irritant effect
- On the skin: No irritant effect known
- On the eye: No irritant effect known
- Sensitization: No sensitizing effect known

12. ECOLOGICAL INFORMATION:

General notes:

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

13. DISPOSAL CONSIDERATIONS:

As per local statutory standards

14. TRANSPORT INFORMATION

Not applicable

15. REGULATORY INFORMATION:

- National regulations
- Classification according to VbF:
Void Water hazard Class:
- 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