

Material Safety Data Sheet

Date of print: 2006-05-04 Version: 1.0 - English



Product name: **WET POWDER, white**

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

- 1.1 Identification of the substance:
- 1.1.1 Commercial Product name: Wet Powder, white
- 1.1.2 Use: Forensic use
- 1.2 Company / undertaking identification:
- Manufacturer / distributor: Kjell Carlsson Innovation
- Street / POB.no: Rinkebyvägen 18
- State / postal code / city: S-17237 Sundbyberg
- Contry: Sweden
- Telephone: +46 8 280784
- Telefax: +46 8 288074
- Web: www.carlssoninnovation.com

2. COMPSITION / INFORMATION ON INGREDIENTS

CAS number:	Chemical name :	EINECS-no.:	Conc %	Symbols	R-phrases
13463-67-7	Titanium dioxide	236-675-5			
7732-18-5	Water	231-791-2			
-	Anionic surfactant	-			

3. HAZARDS IDENTIFICATION

- 3.1 POTENTIAL HEALTH EFFECTS:
Avoid eye contact, may cause irritation.
- 3.2 POTENTIAL ENVIRONMENTAL EFFECTS:
No significant environmental hazards are associated with Titanium dioxide release to the environment.

No hazard classification according to EEC-directive.
- 3.3 FIRE- & EXPLOSION HAZARDS:
Not a combustible substance.

4. FIRST AID MEASURES

- 4.1 INHAHALATION:
If symptomatic, move to fresh air.
- 4.2 SKIN CONTACT:
Wash skin with plenty of water and mild soap. Get medical attention if symptoms occur.
- 4.3 EYE CONTACT:
Flush with plenty of water, occasionally lifting the lower and upper lids. Get medical attention if symptoms occur.
- 4.4 INGESTION:
Flush oral cavity and drink plenty of water. Only induce vomiting at the instruction of medical personel. If large amounts of substance are ingested or in case of discomfort, contact a physician.

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5. FIRE FIGHTING MEASURES

- 5.1 EXTINGUISHING MEDIA:
No limitations for fighting surrounding fire.
- 5.2 INCOMPATIBLE EXTINGUISHING MEDIA which must not be used for safety reasons:
Not applicable
- 5.3 FIRE- & EXPLOSION HAZARDS:
Not a combustible substance
- 5.4 SPECIAL PROTECTIVE EQUIPMENT:
Not applicable

6. ACCIDENTAL RELEASE MEASURES

Avoid the product to come direct into any sewer or public waterway. Collect with liquid binding, non-burning material, soil, sand or similar in disposal containers.

In case of large spillage contact the local authority.

PERSONAL PRECAUTIONS: SEE POINT 8.

7. HANDLING AND STORAGE

- 7.1 HANDLING:
Good industrial hygiene should be followed. Avoid contact with skin and eyes. Provide appropriate exhaust ventilation at machinery.
- 7.2 STORAGE:
Store in original closed containers at a dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 PREVENT MEASURES:
Possibility to wash the eye at the place of work. Provide appropriate exhaust ventilation at machinery.
- 8.2 RESPIRATORY:
Use respirator at dusting. Observe exposure limits, Threshold Limit Values (TLV) for dust, titanium dioxide.
- 8.3 EYE PROTECTION:
If any risk of splash or direct contact shall safety glasses be used.
- 8.4 HAND PROTECTION:
Protective gloves.
- 8.5 SKIN PROTECTION:
Wear protective clothing if necessary.
- 8.6 HYGIENIC MEASURES:
Smoking, eating and drinking should be prohibited in the application area.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 PRODUCT DESCRIPTION:

White liquid without odour.

Density (kg/m ³)	1200	20 °C
Steam pr (kPa,20C)	23,5	20 °C
Solubil in water	miscible	
pH-Value	4-10	20 °C

10. STABILITY AND REACTIVITY

10.1 STABILITY:

Stable under normal conditions.

10.2 HAZARDOUS DECOMPOSITION PRODUCTS:

Not applicable

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

Acute Oral Toxicity :	Rat:	> 24 000 mg/kg LD50
Acute Dermal Toxicity :	Rabbit:	> 10 000 mg/kg LD50
Acute Inhalation Toxicity :	Rat:	6 820 mg/m ³ /4h (+/- 96% TiO ₂) ALC

11.1 INHALATION:

Inhalation of high concentration dust may cause mechanical overstraining of mucous membranes.

11.2 SKIN IRRITATION:

Repeated and prolonged contact with skin may cause irritation.

11.3 EYE IRRITATION:

Dust or splash contact may cause irritation.

11.4 INGESTION:

This material may be a slight health hazard if ingested in large quantities.

11.5 MUTAGENICITY:

Negative result in two relevant tests.

12. ECOLOGICAL INFORMATION

No ecological data for the product is available. The following information is valid for titanium dioxide:

AQUATIC TOXICITY:

Fish	LC50/96h:	> 1000 mg/l	(Fathead minnows)(TiO ₂)
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13. DISPOSAL CONSIDERATIONS

Disposal must be made according to the official regulations. Used waste products, surplus products or spillage products shall be disposed of in accordance with national and local laws. It is up to the user to classify the waste correctly prior to disposal.

14. TRANSPORT INFORMATION

Classified as hazardous for transport. ☐ Yes ☒ No ☐ Not Assessed

15. REGULATORY INFORMATION

CLASSIFICATION:

Hazardous chemical product	Symbol	Not regulated.
Chemical product harmful to the environment	Symbol	Not regulated.
Flammable chemical product	Symbol	Not regulated.

Contains: Titanium dioxide dispersed in water.

16. OTHER INFORMATION

Information is most current known to Kjell Carlsson Innovation at the time of preparation and is believed to be accurate. However no warranties are made with respect to this information and Kjell Carlsson Innovation assumes no liability resulting from use. Make independent determinations of the suitability and completeness of information from all sources, to assure proper use and disposal of this product and personnel safety and health. Data for each component is specified where applicable as mixtures have not been tested.