

Date of Creation / last update : June 30, 2025

Code: S101804

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	: NIKKOL NTP-SW75
Company	: NIPPON SURFACTANT INDUSTRIES CO., LTD.
Address	: 7-14 Hiraide Kogyo Danchi Utsunomiya, Tochigi 321-0905, JAP AN
Division	: Quality Assurance Division
Tel. No.	: 028-661-6121
Fax No.	: 028-663-0426
E-Mail address	: info-sds@nikkolgroup.com
Emergency tel. No.	: NIKKO CHEMICALS CO., LTD.+81-3-3661-1677
Recommended use and restrictions on use	:

2. HAZARDS IDENTIFICATION

GHS Classification

Physical and Chemical Hazards	: Not classified
Health Hazards	
Acute Toxicity (Oral)	: Classification not possible
Acute Toxicity (Dermal)	: Classification not possible
Acute Toxicity (Inhalation : gases)	: Not classified
Acute Toxicity (Inhalation : vapors)	: Classification not possible
Acute Toxicity (Inhalation : dust, mists)	: Classification not possible
Skin Corrosion / Irritation	: Classification not possible
Serious Eye Damage / Eye Irritation	: Classification not possible
Respiratory Sensitization	: Classification not possible
Skin Sensitization	: Classification not possible
Germ Cell Mutagenicity	: Classification not possible
Carcinogenicity	: Classification not possible
Reproductive Toxicity	: Classification not possible
Specific Target Organ Systemic Toxicity (Single Exposure)	: Classification not possible
Specific Target Organ Systemic Toxicity (Repeated Exposure)	: Classification not possible
Aspiration Hazard	: Classification not possible
Environmental Hazards	
Short-term (acute) hazardous to the aquatic environment	: Classification not possible
Long-term (chronic) hazardous to the aquatic environment	: Classification not possible
Hazardous to The Ozone Layer	: Classification not possible
GHS Label Elements	
Pictograms or Symbols	:

Signal Word	:
Hazard Statements	: 【H000】 Not classified
Precautionary Statements	
【Prevention】	: 【P264】 Wash thoroughly after handling.
【Response】	: 【P301+P312】 IF SWALLOWED: Call a doctor / physician if you feel unwell. 【P302+P352】 IF ON SKIN: Wash with plenty of soap and water.
【Storage】	: 【P404】 Store in a closed container.
【Disposal】	: 【P501】 Dispose of contents/container in accordance with local/regional/national/international regulation(to be specified).
【Safe Handling Advice】	: 【N00-010】 Refer to SDS

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance or Mixture	:	Mixture
Ingredients and Concentration Range	:	
Ingredient (INCI Name)	concentration(%)	/ CAS RN®
Titanium Dioxide (Titanium Dioxide)	65-80	/ 13463-67-7
Synthetic Fluorphlogopite (Synthetic Fluorphlogopite)	15-30	/ 12003-38-2
n-OCTYLTRIETHOXYSILANE (Triethoxycaprylylsilane)	1-5	/ 2943-75-1
Aluminum Hydroxide (Aluminum Hydroxide)	0.5-10.0	/ 21645-51-2

4. FIRST-AID MEASURES

In Case of Inhalation	: Take victim to a place of fresh air and keep at rest in a position comfortable for breathing.
In Case of Skin Contact	: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse.
In Case of Eye Contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice / attention if eye irritation persists.
In Case of Ingestion	: Rinse mouth. Call a doctor / physician if you feel unwell.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	: Powder, alcohol-resistant form, carbon dioxide, sand, water spray.
Not Suitable Extinguishing Media	: No data available
Special Hazards	: During a fire, toxic gases (e.g., carbon monoxide, nitrogen oxide etc) may be generated. Avoid inhaling smoke during fire extinguishing.

Special Methods

: Remove all combustible objects away from the fire and use adequate extinguishing media. Preferably extinguish the fire from the same direction of the wind. Evacuate personnel not involved in fire extinguishing to safe area. Equipment and machinery in proximity of fire must be sprayed with water to cool. Water used to extinguish a fire should not be allowed to enter the drainage system or water courses.

Special Protective Action for Fire-Fighters

: Use goggles in combination with dust mask. During a fire, toxic gases (e.g., carbon monoxide, nitrogen oxide etc) may be generated. Avoid inhaling smoke during fire extinguishing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedure
Environmental Precautions
Methods and Materials for Contamination and Cleaning Up

: Use goggles and protective gloves. In case of large spills, remove person to safety. Ensure adequate ventilation.
: Do not discharge into river or sewer.
: In case of a small spill, absorb with liquid-binding material (sand, soil, cloth) and wipe away the remains with cloth or fabric. Flush surroundings with large amounts of water. In case of a large spill, surround it with the mound of sand or soil to prevent elution and collect into drums or other containers.
: Promptly remove all combustible objects away from the spill and prepare fire extinguishing media. The spills on the floor must be cleaned promptly, otherwise they present a risk of traumatic accident. Avoid walking or stepping on the spills. While cleaning the spill use adequate tools that do not promote sparks of fire.

Prevention of Secondary Hazards

7. HANDLING AND STORAGE

Handling

Technical Measures

: The shower with water (for washing of eyes and body) must be installed near the handling facility.
: Keep away from source of ignition.
: Use adequate ventilation. Use goggles and protective gloves. Wash thoroughly after handling.

Contact Avoidance

Safe Handling Advice

Storage

Suitable Storage Conditions

Safe Packaging Materials

: Store in a well-ventilated place. Keep cool.
: No information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

ACGIH

: (Titanium dioxide)ACGIH(1992) TWA: 10mg/m³ (LRT irr)(Aluminum hydroxide)ACGIH(2007) TWA: (Insoluble)1mg/m³(R) (Pneumoconiosis; LRT irr; neurotoxicity)(Titanium dioxide)TWA 15 mg/m³

Engineering Measures

: Exhaust system must be installed in case steam, fume or mists generated at the operation facility. Shower with water (for washing eyes and body) must be installed near the handling facility.

Protective Equipment

Respiratory Protection

Hand Protection

Eye/Face Protection

: Wear respiratory protection.
: Impermeable protective gloves.
: Goggles or protective glasses with side protectors.

Skin and Body Protection	: Workwear with long sleeves.
Spetial Precautions	: No data available

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Powder
Color	: White
Odor	: No data
Melting Point / Congealing point	: No data
Boiling Point or initial boiling point and boiling range	: No data
Flammability	: No data
Lower and Upper explosion limit / Flammability Limits	: Upper Limit : No data, Lower Limit : No data
Flash Point	: No data
Auto-Ignition Temperature	: No data
Decomposition Temperature	: No data
pH	: Neutral(10% water dispersion)
Kinematic Viscosity	: No data
Solubility	: Insolble
Partition Coefficient : n-Octanol / Water	: No data
Vapour Pressure	: No data
Decsity and/or Relative Dencity	: No data
Relative Vapour Dencity	: No data
Particle Characteristics	: No data
Other Data	: No data

10. STABILITY AND REACTIVITY

Reactivity	: Stable in general.
Chemical Stability	: Stable in general.
Possibility of Hazardous Reactions	: No data available
Condition to Avoid	: Stable in general.
Incompatible Materials	: No Data
Hazardous Decomposition Products	: No data

11. TOXICOLOGICAL INFORMATION

Acute Toxicity (oral)	: LD50 Oral - Rat - 20000 mg/kg(DFGOT(1991))
Acute Toxicity (dermal)	: No data
Acute Toxicity (Inhalation : gases)	: No data
Acute Toxicity (Inhalation : vapors)	: No data
Acute Toxicity (Inhalation : dust, mists)	: Inhalation: rat LC > 6.82mg/L/4h(IUCLID (2000))rabbit approxL D50 > 10000mg/kg(IUCLID (2000))
Skin Corrosion / Irritation	: Not classified:The description of mild irritation from 0.5g, 24-h our application in testing using rabbitsand no irritation from 0. 1g, 24-hour application (IUCLID (2000))
Serious Eye Damage / Irritation	: Classification not possible:There are results of mild irritation in testing using rabbits; however results of noirritation have also been obtained from separate testing where washing was perfo rmed 5minutes after application(IUCLID (2000))

Respiratory or Skin Sensitization	: There is a result of no sensitization (IUCLID (2000)) in skinsensitization testing using guinea pigs (Maurer optimization test). And there is an anotherresult concluding no evidence of sensitization from 48-hour patch testing on a group of 290subjects with dermatitis in which no reaction was observed in any subject(IUCLID (2000)).However, both these results are list 2 data and guinea pig testing is not a test methodrecommended for classification.
Mutagenicity (germ cell mutagenicity)	: Not classified:The negative description in bone marrow cell micronucleus testing and chromosome aberrationtesting of intraperitoneal administration to mice.
Carcinogenicity IARC	: Classification not possible:Classified as IARC Group 2B. However, in lung inhalation exposure testing on rats, mice and hamsters, tumor incidence was only observed with high-dose administration to rats.Furthermore, a similar trend is seen in rats with inert poorly soluble particles and carcinogenicity is thought to beinfluenced by the action of the rat-specific immune system. A causal relationship between titanium dioxide and carcinogenicity has not been displayed in human epidemiological population studies conducted in Europe andNorth America.
NTP	: Not applicable
Reproductive Toxicity	: No data
Specific Target Organ Systemic Toxicity (Single Exposure)	: No data
Specific Target Organ Systemic Toxicity (Repeated Exposure)	: No data
Aspiration Hazard	: No data

12. ECOLOGICAL INFORMATION

Ecotoxicity	: No data
Persistence / Degradability	: No data
Bioaccumulative Potential	: No data
Mobility in Soil	: No data
Hazardous to The Ozone Layer	: No data

13. DISPOSAL CINSIDERATIONS

Either incinerate in small quantities in the incinerator or entrust to a specialized waste disposal contractor licensed by the prefectural governor.

14. TRANSPORT INFORMATION

International Regulations	: Please follow applicable IATA regulations for air transport and IMDG regulations for sea transport.
UN Class / UN Number :	
IATA : UN Number	: —
Proper Shipping Name	:
Class	:
Packing Group	:
IMDG : UN Number	: —
Proper Shipping Name	:

Class	:
Packing Group	:
Additional Information	:
Special Precautions for User	: Review "Section 7 : "Handling and Storage". Ensure containers without breakage or leakage. Ensure containers tightly fixed. Follow all regulations in your country or region.

15. REGULATORY INFORMATION

Inventories :

ENCS(Japan) : 1-558, -,2-3784,1-17

16. OTHER INFORMATION

Reference

: International Chemical Safety Cards(ICSC)Compiler's GuideGH
S Guide, UN2012 EMERGENCY RESPONSE GUIDEBOOK(US DOT
)NITE hazard assessment report

The information described herein is based on the documents, information and data, etc. on this product that are currently available to us, but the values, such as contents of ingredients, physical and chemical properties, are not necessarily identical to those in the specification. In addition, the precautions are intended for the cases where this product is handled and used under normal conditions. Thus, in cases of special uses or handling, users should use and handle it, taking appropriate safety measures in accordance with the intended uses and how to use the product.