

SAFETY DATA SHEET(SDS)

Issued on 2018-08-23
Revised on -

1. IDENTIFICATION

Product Identifier Cleaning Powder
Recommended use of the chemical and restrictions on use Dental material. For use only by dental professionals.
Details of the supplier of the safety data sheet NAKANISHI INC.
Address 700 Shimohinata Kanuma-shi Tochigi 322-8666, Japan
TEL +81(0)289-64-3380

2. HAZARDS IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of § 1910.1200

Carcinogenicity Category 1A
Specific target organ toxicity (repeated exposure)
Category 1 (respiratory apparatus kidney immunological system)

GHS Label Elements
Symbols



Signal Word Danger
Hazard Statements H350 May cause cancer
H372 Causes damage to organs(respiratory apparatus,kidney,immunological system) through prolonged or repeated exposure
Precautionary Statements Prevention Obtain special instructions before use(P201)
Do not handle until all safety precautions have been read and understood(P202)
Do not breathe dust.(P260)
Wash thoroughly after handling.(P264)
Do not eat, drink or smoke when using this product(P270)
Use personal protective equipment as required.(P281)
Response IF exposed or concerned: Get medical advice/attention(P308+P313)
Get medical advice/attention if you feel unwell(P314)
Storage Store locked up(P405)
Disposal Dispose of contents/ container to an approved landfill.(P501)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	Contents	CAS number
Sodium bicarbonate	93%	144-55-8
Silicon dioxide	3%	7631-86-9
Flavor substance	4%	N/A

4. FIRST-AID MEASURES

In case of inhalation

Call a POISON CENTER or doctor / physician if you feel unwell.

IF exposed or concerned: Get medical advice and attention.

In case of skin contact

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice and attention.

IF exposed or concerned: Get medical advice and attention.

In case of eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice and attention.

In case of ingestion

Rinse mouth.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

IF exposed or concerned: Get medical advice and attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing agent suitable for type of surrounding fire.

When dust occurs, use dry sand.

Specific hazards arising from the chemical

Risk of producing harmful gases such as carbon monoxide and sulfur oxides. Avoid inhalation of smoke or gases

Special protective equipment and precautions for fire-fighters

Use goggles in combination with dust mask, and another protections as appropriate to situation.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use goggles in combination with dust mask, and another protections as appropriate to situation.

Large spills :Evacuate area.

Ensure adequate ventilation.

Environmental precautions

Do not discharge into the drains, surface waters or ground water directly.

Methods and materials for containment and cleaning up

in case of fine powder Sweep or vacuum spills to drums or containers.

Prevent dispersion of dust.

in case of fine powder Use explosion-proof electrical equipment and prevent from static electricity.

7. HANDLING AND STORAGE

Precautions for safe handling

Technical measures

Use local exhaust ventilation in case of production of fume or mist.

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Safe handling advice

Wear protective gloves/protective clothing/eye protection/face protection.

Do not breathe dust/fume/gas/mist/vapours/spray.

Conditions for safe storage, including any incompatibilities

Suitable storage conditions

Store locked up.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

	ACGIH (TLV)	OSHA (PEL)	Exposure Limits
Silicon dioxide	Not established	20 mppcf TWA; (80)/(% SiO ₂) mg/m ³ TWA	20 mppcf TWA; (80)/(% SiO ₂) mg/m ³ TWA; 6 mg/m ³ TWA (<1% Crystalline silica)

Appropriate engineering controls

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Use explosion-proof electrical equipment and prevent from static electricity.

Use local exhaust ventilation in case of production of fume or mist.

Individual protection measures

Respiratory protection

Hand protection

Eye protection

Skin and body protection

If necessary, wear respiratory protection.

Wear protective gloves.

Wear eye protection/face protection.

Wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State

Color

Odor

Odor threshold

pH

Melting point

Boiling point

Flash point

Evaporation rate

Flammability(Solid,Gas)

Flammability or explosive limits

Vapor pressure

Vapor density

Specific Gravity (Density)

Solubility

Partition coefficient: n-octanol/water

Auto-ignition temperature

Decomposition temperature

Viscosity

Solid

white

odorless

No data available

No data available

No data available

No data available

Not ignited

No data available

Non combustible

No data available

No data available

No data available

No data available

Water soluble

No data available

Non combustible

No data available

No data available

10. STABILITY AND REACTIVITY

Reactivity

Chemical stability

Possibility of hazardous reactions

Conditions to avoid

Incompatible materials

Hazardous decomposition products

No information available

Stable under normal conditions of use.

No information available

No information available

No information available

No information available

11. TOXICOLOGICAL INFORMATION

Acute toxicity (Oral)	<p>Not classified:7631-86-9 (source: NITE), 144-55-8 (source: NITE) No data:N/A (source: None)</p> <p>Contains substance of unknown toxicity. Changed from Not classified to Classification not possible.</p>
Acute toxicity (Dermal)	<p>Not classified:7631-86-9 (source: NITE), 144-55-8 (source: NITE) No data:N/A (source: None)</p> <p>Contains substance of unknown toxicity. Changed from Not classified to Classification not possible.</p>
Acute toxicity (Inhalation : Gases)	Does not fall under gas based on GHS definitions.
Acute toxicity (Inhalation : Vapours) Acute toxicity (Inhalation : dust/mist)	<p>Unable to classify due to insufficient data. Not classified:144-55-8 (source: NITE) No data:7631-86-9 (source: None), N/A (source: None)</p> <p>Contains substance of unknown toxicity. Changed from Not classified to Classification not possible.</p>
Skin corrosion/ Irritation	<p>Not classified:7631-86-9 (source: NITE), 144-55-8 (source: NITE) No data:N/A (source: None)</p> <p>Contains substance of unknown toxicity. Changed from Not classified to Classification not possible.</p>
Serious eye damage/ irritation	<p>Category 2:7631-86-9 (source: NITE) Not classified:144-55-8 (source: NITE) No data:N/A (source: None)</p> <p>Substances classified as hazardous are below the concentration limit. Contains substance of unknown toxicity. Changed from Not classified to Classification not possible.</p>
Respiratory Sensitization Skin Sensitization Germ cell mutagenicity Carcinogenicity	<p>Unable to classify due to insufficient data. Unable to classify due to insufficient data. Unable to classify due to insufficient data. Category 1A:7631-86-9 (source: NITE) No data:144-55-8 (source: None), N/A (source: None)</p>
Reproductive toxicity Reproductive toxicity, effects on or via lactation	<p>7631-86-9 >= 0.1% Classification result = Category 1A Unable to classify due to insufficient data. Unable to classify due to insufficient data.</p>

Specific target organ toxicity – Single exposure

Category 3:7631–86–9 (organ = respiratory tract irritation, source: NITE)
Not classified:144–55–8 (source: NITE)
No data:N/A (source: None)

Specific target organ toxicity – Repeated exposure

Substances classified as hazardous are below the concentration limit. Contains substance of unknown toxicity. Changed from Not classified to Classification not possible.

Category 1:7631–86–9 (organ = respiratory apparatus, kidney, immunological system, source: NITE)
No data:144–55–8 (source: None), N/A (source: None)

Aspiration hazard

7631–86–9 >= 1% Classification result = Category 1(respiratory apparatus, kidney, immunological system)
Unable to classify due to insufficient data.

12. ECOLOGICAL INFORMATION

No information available

13. DISPOSAL CONSIDERATIONS

Residual Waste

Before disposal, make the wastes harmless, stabilized, and neutralized, and minimize danger and toxicity of the wastes.

Dispose of waste in accordance with local, state and federal regulations.

Contaminated Container and Packaging

Passed to a licensed waste contractor.
In case of disposal of empty containers, remove the content thoroughly.

14. TRANSPORT INFORMATION

IMDG
IATA
DOT

Not dangerous goods
Not dangerous goods
Not dangerous goods

15. REGULATORY INFORMATION

U.S. – RTK (Right To Know) List

Pennsylvania – RTK (Right to Know) List
Massachusetts – RTK (Right To Know) List

16. OTHER INFORMATION

Literature References

NITE GHS

EU CLP Regulation, Annex VI

Other data

The information suggested in this Safety Data Sheet does not comprehend everything and should be adopted only as a guide.

The accuracy of the information and recommendations suggested herein are credible.

However the company makes no warranty regarding such information and recommendations and disclaims all liability for reliance thereon.

National Fire Protection Association(U.S.A)

Health	0
Flammability	0

Reactivity	0
Specific hazard	Not applicable
HMIS(U.S.A)	
Health Hazard	*3
Fire Hazard	0
Reactivity	0
Personal Protection	The customer is responsible for determining the PPE code for this material