

SAFETY DATA SHEET

1. Identification of the substance or mixture and of the supplier

GHS Product identifier: NEWTLAC 5000

Other means of identification

SDS number: B0102982

Recommended use of the chemical and restrictions on use

Recommended use: Not available.

Recommended restrictions: Not known.

Supplier's details

Manufacturer

Company Name: Kao Corporation
Address: 1-3,Bunka 2-chome,Sumida-ku,Tokyo 131-8501 Japan
Telephone: +81-3-5630-7700
Fax: +81-3-5630-7889
Division: Chemical Business
E-mail: chemical@kao.co.jp

Emergency telephone number: 81-3-5630-7700

2. Hazard(s) identification

Hazard Classification

Not classified

Label Elements

The substance or product does not require a hazard warning label in accordance with the GHS directive.

Pictograms: No symbol

Signal Word: No signal word.

Hazard Statement: Not applicable

Prevention: Wash thoroughly after handling. If needed, use personal protective equipment as required.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER/doctor if you feel unwell.

Storage: Store in well-ventilated place. Protect from sunlight and store container tightly closed under 40°C.

Disposal: -

Other hazards which do not result in GHS classification: None.

3. Composition/information on ingredients

Substances

| Chemical Identity | Common name and synonyms | CAS number | Content in percent (%)* |
|-------------------|--------------------------|------------|-------------------------|
| Polyester resin | - | ** | ** |

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Trade secret information: ** A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Description of necessary first-aid measures

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|----------------------|--|
| Ingestion: | Call a POISON CENTER or doctor if you feel unwell. Rinse mouth. |
| Inhalation: | Remove person to fresh air and keep comfortable for breathing. |
| Skin Contact: | Gently wash with plenty of soap and water. |
| Eye contact: | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Water spray, powder

Unsuitable extinguishing media: No data available.

Specific hazards arising from the chemical: May produce irritating or toxic gases in a fire.

Special protective action for fire fighters

Special fire fighting procedures: Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible.

Special protective equipment for fire-fighters: Use goggles in combination with dust mask, and other protections as appropriate to situation.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation. Keep upwind.

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

Methods and material for containment and cleaning up: Prevent dispersion of dust. Sweep or vacuum by dust-explosion-proof type cleaner.

Notification Procedures: Keep away from sources of ignition and prepare extinguishing media.

7. Handling and storage

| | |
|--|---|
| Precautions to ensure safe handling: | Avoid inhalation of fine dust . Use an adequate ventilation. Wash thoroughly after handling. If needed, use personal protective equipment as required. Prevent generation of dust. This material may cause risk of dust explosion. Keep away from source of ignition. |
| Conditions for safe storage, including any incompatibilities: | Keep container tightly closed. Protect from sun. Store in a well-ventilated room(under 40 C). Keep away from source of ignition. |

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

| | |
|--------------------|--|
| ACGIH (TLV) | :10 mg/m ³ TWA (inhalable particles, recommended); 3 mg/m ³ TWA (respirable particles, recommended)(Particulates (insoluble or poorly soluble) not otherwise specified (PNOS)) |
| OSHA (PEL) | :15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction) (Particulates not otherwise regulated) |

| | |
|--|--|
| Appropriate Engineering Controls: | Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use local exhaust ventilation, in case of generation of dust. |
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Individual protection measures, such as personal protective equipment

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|--------------------------------|--|
| General information: | Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. |
| Eye/face protection: | Safety glasses with side shield(Safety goggles or Face shield) |
| Hand Protection: | Rubber gloves |
| Other: | Full-body suit |
| Respiratory Protection: | Use dust mask, as appropriate to situation. |
| Hygiene measures: | No data available. |

9. Physical and chemical properties

Appearance

| | |
|--------------------------|----------------------------------|
| Physical state: | solid |
| Form: | Powder |
| Color: | Light yellow |
| Odor: | Odorless |
| Odor Threshold: | No data available. |
| pH: | No data available. |
| Melting Point: | 100 °C |
| Boiling Point: | No data available. |
| Flash Point: | >= 200 °C (Setaflash Closed Cup) |
| Evaporation Rate: | No data available. |

| | |
|---|-----------------------------------|
| Flammability: | No data available. |
| Explosive limit - upper: | No data available. |
| Explosive limit - lower: | No data available. |
| Vapor pressure: | No data available. |
| Relative vapor density: | No data available. |
| Density: | No data available. |
| Relative density: | No data available. |
| Solubility in Water: | Insoluble in water |
| Solubility (other): | Soluble in chloroform and toluene |
| Partition coefficient (n-octanol/water): | No data available. |
| Self Ignition Temperature: | No data available. |
| Decomposition Temperature: | No data available. |
| Kinematic viscosity: | No data available. |
| Dynamic viscosity: | No data available. |
| Particle Properties: | No data available. |

10. Stability and reactivity

| | |
|--|-------------------------|
| Reactivity: | No data available. |
| Chemical Stability: | Stable in general. |
| Possibility of hazardous reactions: | Has no self-reactivity. |
| Conditions to avoid: | No data available. |
| Incompatible Materials: | No data available. |
| Hazardous Decomposition Products: | No data available. |

11. Toxicological information

Acute toxicity (list all possible routes of exposure)

| | |
|--|--|
| Oral | |
| Product: | Classification not possible due to insufficient data. |
| Dermal | |
| Product: | Classification not possible due to insufficient data. |
| Inhalation | |
| Product: | Dusts, mists and fumes: Classification not possible due to insufficient data. Vapour: No data available. Not classified based on available data of component(s). |
| Skin Corrosion/Irritation | |
| Product: | Classification not possible due to insufficient data. |
| Serious Eye Damage/Eye Irritation | |
| Product: | Classification not possible due to insufficient data. |

Respiratory or Skin Sensitization

Product: Skin: Classification not possible due to insufficient data.
Respiratory: Classification not possible due to insufficient data.

Carcinogenicity

Product: Classification not possible due to insufficient data.

IARC:

No carcinogens present or none present in regulated quantities

ACGIH:

No carcinogens present or none present in regulated quantities

Germ Cell Mutagenicity

In vitro

Product: Classification not possible due to insufficient data.

In vivo

Product: Classification not possible due to insufficient data.

Reproductive toxicity

Product: Classification not possible due to insufficient data.

Specific Target Organ Toxicity - Single Exposure

Product: Classification not possible due to insufficient data.

Specific Target Organ Toxicity - Repeated Exposure

Product: Classification not possible due to insufficient data.

Aspiration Hazard

Product: No data available.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: Classification not possible due to insufficient data.

Aquatic Invertebrates

Product: Classification not possible due to insufficient data.

Toxicity to Aquatic Plants

Product: No data available.

Chronic hazards to the aquatic environment:

Fish

Product: Classification not possible due to insufficient data.

Aquatic Invertebrates

Product: Classification not possible due to insufficient data.

Persistence and Degradability

Biodegradation
Product: No data available.

BOD/COD Ratio
Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)
Product: No data available.
Partition Coefficient n-octanol / water (log Kow)
Product: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

13. Disposal considerations

Disposal methods

Disposal instructions: Review "HANDLING AND STORAGE (Section 7)". Passed to a licensed waste contractor. This product may cause risk of dust explosion.

Contaminated Packaging: No data available.

14. Transport information

IMDG

Not regulated.

IATA

Not regulated.

15. Regulatory information

Federal regulations

Indonesia. Dangerous Substances that Must be Registered (Regulation of the Minister of Health of the Republic of Indonesia)
Not Regulated

Indonesia. Prohibited Substances (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment II, Table 1)
Not Regulated

Indonesia. Restricted Substances (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment II, Table 2)
Not Regulated

Indonesia. Precursor Chemicals (Ministry of Industry and Trade Decree No. 647/MPP/Kep/10/2004 concerning Regulation on Import of Precursors, Attachment 1)
Not Regulated

Indonesia. CWC (Law of RI No. 9 of 2008 re: Prohibition on the Use of Chemicals as Chemical Weapon)

Not Regulated

Indonesia. Ozone Depleting Substances (ODS) (Regulation of the Minister of Trade No. 83/M-DAG/PER/1/2012, Ann. I, II & III, as amended)

Not Regulated

Inventory Status:

| | |
|--|--|
| US TSCA Inventory: | On or in compliance with the inventory |
| Canada DSL Inventory List: | On or in compliance with the inventory |
| Australia AICS: | On or in compliance with the inventory |
| Korea Existing Chemicals Inv. (KECI): | Not in compliance with the inventory |
| Japan (ENCS) List: | On or in compliance with the inventory |
| Japan ISHL Listing: | On or in compliance with the inventory |
| Philippines PICCS: | Not in compliance with the inventory |
| China Inv. Existing Chemical Substances: | On or in compliance with the inventory |
| REACH (EU): | Contact us for information |
| Taiwan Chemical Substance Inventory: | On or in compliance with the inventory |

16. Other information, including date of preparation or last revision

Issue Date: 22.02.2021

Revision Date:

Version #: 1.0

Source of information: No data available.

Further Information: No data available.

Disclaimer: To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore. All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist. In the case of the product for fragrance, it's in accordance with the latest standard of IFRA within ordinary use. Contact with the supplier for detail information.

Reference:

(2): Registry of Toxic Effects of Chemical Substances