

SAFETY DATA SHEET

MSDS Ref. No. : NKe01NLM-001/004/005/031/006

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Identification of the Substance or Mixture : Mixture

Product Name : NIKKALYCO , type **AS-100/AS-160/AS-200/AS-250/AS-300****General Name** : Anti-Blocking /Anti-Setoff Spray Powder**Recommended Use** : SHEET FED OFF-SET PRINTING, FILM LAMINATING, etc.**Manufacturer Name** : NIKKA LIMITED**Address** : 2-14-2, MAENO-CHO, ITABASHI-KU, TOKYO
174-8642, JAPAN**Tel** : +-813-3960-3151**Fax** : +80-3-3558-3076**Sales Dept** : Export Dept**Emergency Phone Number** : +81-495-72-5691 (Kodama Plant)**2. HAZARDOUS IDENTIFICATION****This Product Contains No Hazardous Ingredients.**

GHS Classifications

Physical Hazards : Non-hazardous**Health Hazards** : Non-hazardous**Environmental Hazards** : Non-hazardous**Requirements for Labeling or Hazardous Symbols** : None

- Others**
- Explosive in specific dust density.
 - May ignite by exposure to fire, even at thinner density.
 - Spilling or leakage of the product may become floor slippery

Primary Route(s) of Exposure and Potential Health Effects**Eye** : May cause eye irritation**Skin** : Prolonged skin contact may cause slight irritation**Inhalation** : May cause respiratory irritation and coughing**Ingestion** : Not an expected route of exposure under normal working conditions**3. COMPOSITION/INFORMATION ON INGREDIENT****Composition** : Starches more than 99% (CAS No. 9005-25-8)**Chemical Family** : Carbohydrate

4. FIRST-AID MEASURES

- Eye** : Immediately flush thoroughly with water.
Consult a doctor, if irritation persists.
- Skin** : Wash off with running water and soap.
In case rash appears, consult a doctor immediately.
- Inhalation** : Move to fresh air
- Ingestion** : If ingestion occur, may slight upset stomach.
If upset stomach occurs, get medical advice immediately.

5. FIRE-FIGHTING MEASURES

Appropriate Extinguishing Agent : Use either powder, carbonic acid gas or foam extinguisher in early stages. In case of large-scale fire, preferably use foam extinguisher to keep oxygen out. Do not spray fire with water directly in order to avoid scattering the product.

Special Fire Fighting Procedures : Not required
unusual fire & explosion hazards.

- Fight fire from safe distance.
- Explosive in specific dust density.
- May ignite by exposure to fire, even at thinner density.
- Use protective clothing (goggles, gloves, dust-proof masks), if necessary.

- Flash Point** : Not applicable
- Auto Ignition Temperature** : No data available
- Flammability (solid, gas)** : N/A
- Explosive Limits Lower** : N/A
- Upper/** : N/A

6. ACCIDENTAL RELEASE MEASURES

Spill and Leakage Measures : Isolate spill area, wear adequate protective gear, sweep off the spills by vacuum cleaner, or scoop the spill into a container for disposal, if spill is a small quantity.

- Do not use compressed air for clean up.
- If there is excessive dust, ventilate area of spill.
- Avoid raising dust.
- Do not contact with fire or sparks.

7. HANDLING AND STORAGE

Handling : Wear protective mask and gloves, if necessary.
keep away from sources of ignition, static discharge.

Storage : Store in dry place.
keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Permissible density:

ACGIH (TLV) : Not applicable
OSHA (PEL) : Not applicable

Ventilation Requirements : General ventilation
Eye Protection : Protection glasses, if necessary.
Skin Protection : Avoid prolonged touch
Protective Clothing : N/A
Respiratory Protection : Dust mask

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Solid
Appearance : White powder
Odor : No specific odor
Ph : 8~11%
Apparent Specific Gravity : 0.5~0.9
Melting / Freezing Point : N/A
Initial Boiling Point and Boiling Range : N/A
Vapor Pressure : N/A
Vapor Density : N/A
Evaporation Rate : N/A
Solubility : Not in cold water
Decomposition Temperature : No data available
Partition Coefficient : N/A

10. STABILITY AND REACTIVITY

Stability : Stable
Reactivity : None (Excess heat produce oxides of carbon.)
Condition to Avoid : Do not contact fire, light, to avoid

11. TOXICOLOGICAL INFORMATION

Primary Route(s) of Entry : Eye, skin, inhalation, ingestion
Acute Toxicity : No data available
Chronic Toxicity : No data available
Mutagen City : No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic, terrestrial) : No date available
Mobility in Soil : N/A
Bioaccumulative Potential : N/A
Persistence and Degradability : Biodegradable

13. DISPOSAL CONSIDERATION

Do not dispose into fire, any sewers.
Dispose in accordance with local, state and federal laws and regulations.

14. TRANSPORT INFORMATION

Transportation : Not regulated
UN Number : None

15. REGULATORY INFORMATION

EEC Hazard Classification : None
European REACH Regulation : Exclusive from the REACH items
(SVHC 161 items)
RoHS Regulation : Exclusive from the RoHS items
(6 items)

16. OTHER INFORMATION

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The data on this MSDS relates only to the specific material designed herein.
The data is to the best of our knowledge and belief, accurate and reliable as of the date
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