

ATTN: SUZUKI

253/23/1

12/19/02

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K035-No. 003560-01

(NEOPELEX No.8)

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MATERIAL SAFETY DATA SHEET

Issue Date 18-Nov-97

[1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION]

PRODUCT NAME : NEOPELEX No.8 **Bubbles JA07B**

COMPANY : Kao Corporation

TELEPHONE NO. : 2-1-3, Bunko Sumidaku, TOKYO, 131-8501 JAPAN

EMERGENCY TELEPHONE NO. : 81-3-5630-7700 (International Chemical Department)

[2. COMPOSITION / INFORMATION ON INGREDIENTS]

SUBSTANCE / MIXTURE : Mixture

CHEMICAL NAME (GENERIC NAME) : Sodium dodecyl benzene sulfonate (Hard type) **DBN 發光剤**

CHEMICAL FORMULA : Not specified

CAS RN : 68853-85-7

UN No. : Not applicable

EINECS : Yes

TSCA : Yes

OTHER INFORMATION : None

# 12/241	# 36/83	# 38/5	# 37/62	# 33/33
# 12/940	# 12/5013	# 12/237	# 36/302	# 13/66
# 12/38	# 12/937	# 25/982	# 24/205	# 13/011
# 16/79	# 24/570	# 4/338	# 38/57	
# 12/942	# 36/163	# 23/11	# 4/928	
# 16/433	# 24/676	# 16/280	# 36/25	

[3. HAZARDS IDENTIFICATION]

FIRE AND EXPLOSION HAZARD : Though no special hazards have to be mentioned, if the water component dries out the residue may be ignited by heat, sparks or

POTENTIAL HEALTH EFFECTS : May cause eyes, skin and respiratory system irritation.

ENVIRONMENTAL EFFECTS : May cause adverse effects in the aquatic environment.

[4. FIRST-AID MEASURES]

IN CASE OF EYE CONTACT : Immediately hold eyelids open and flush with a stream of water for at least 15 minutes. If necessary seek medical attention.

IN CASE OF SKIN CONTACT : Wash material off the skin with plenty of water and soap. If necessary seek medical attention.

IN CASE OF INHALATION : Remove person to fresh air. If necessary seek medical attention.

IN CASE OF INGESTION : Seek medical attention. Never give anything by mouth to an unconscious person. If possible, rinse out mouth and give one or two glasses of water or milk to drink.

[5. FIRE-FIGHTING MEASURES]

EXTINGUISHING MEASURES : Product itself is non-combustible.

EXTINGUISHING AGENTS : In case of small fire use powder, carbon dioxide or dry sand. In case of large fire shut off air by spraying with water or foam.

[6. ACCIDENTAL RELEASE MEASURES]

Small spills : Then wipe up remainder in waste cloth and flush with water.

Large spills : Remove person to safety. Dike spills and dispose of in safe area. Do not discharge into the drains, surface waters or ground water.

[7. HANDLING AND STORAGE]

HANDLING : Handle in well-ventilated areas. Avoid contact with eyes and skin.

STORAGE : Keep container tightly closed. Protect from sun. Store in a dark, cool and well-ventilated place.

[8. EXPOSURE CONTROLS / PERSONAL PROTECTION]

ACGIH (TLV) : Not established

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- OSHA(PEL) : Not established
- VENTILATION : Use general ventilation.
- PROTECTIVE MEASURES
- RESPIRATORY PROTECTIVE EQUIPMENTS : Use as appropriate to situation.
- EYE PROTECTIVE EQUIPMENTS : Safety goggles
- HAND PROTECTIVE EQUIPMENTS : Rubber gloves
- PROTECTIVE CLOTHINGS : Use as appropriate to situation.

[9. PHYSICAL AND CHEMICAL PROPERTIES]

- APPEARANCE : Light yellow paste.
- ODOUR : Slightly characteristic odour
- BOILING POINT : No data available
- VAPOUR PRESSURE : No data available
- VAPOUR DENSITY : No data available
- VOLATILITY : No
- MELTING / FREEZING POINT : No data available
- SPECIFIC GRAVITY : No data available
- SOLUBILITY
- WATER SOLUBILITY : Soluble
- SOLVENT SOLUBILITY : No data available
- pH : 7.0(1% in water, 40°C)
- VISCOSITY : No data available
- OCTANOL / WATER PARTITION COEFFICIENT : No data available
- OTHER INFORMATION : None

[10. REACTIVITY AND STABILITY]

- FLASH POINT : Not applicable
- AUTOIGNITION TEMPERATURE : No data available
- EXPLOSIVE LIMIT IN AIR(LEL) : No data available
- EXPLOSIVE LIMIT IN AIR(UEL) : No data available
- COMBUSTIBILITY : Combustible, if the water component dries out.
- OXIDIZABILITY : No
- SELF-REACTIVITY / EXPLOSIVITY : No
- REACTIVITY AND STABILITY : Stable
- HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS : Carbon dioxide and sulfur oxides(SOX)
- OTHER INFORMATION : None

[11. TOXICOLOGICAL INFORMATION]

- CORROSIVITY : No data available
- SKIN IRRITATION : No data available
- EYE IRRITATION : No data available
- SENSITIZATION : No data available
- ACUTE TOXICITY : No data available
- SUBCHRONIC EFFECTS : No data available
- CHRONIC EFFECTS : No data available
- CARCINOGENICITY : No data available
- IARC : None established
- NTP : None established
- OSHA : None established

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MUTAGENICITY : No data available
 REPRODUCTIVE EFFECTS : No data available
 TERATOGENICITY : No data available
 OTHER INFORMATION : None

[12. ECOLOGICAL INFORMATION]

BIODEGRADABILITY : No data available
 BIOACCUMULATION : No data available
 FISH TOXICITY : No data available
 OTHER INFORMATION : None

[13. DISPOSAL CONSIDERATIONS]

Review "HANDLING AND STORAGE(Section 7)"
 Dispose of waste in accordance with local, state and federal regulations.

[14. TRANSPORTATION INFORMATION]

Follow all regulations in your country or region.
 PRECAUTIONS : Review "ACCIDENTAL RELEASE MEASURES(Section 6)"
 Review "HANDLING AND STORAGE(Section 7)"
 Ensure containers without breakage or leakage.
 Ensure containers tightly fixed.
 PROPER SHIPPING NAME : Non hazardous
 HAZARD CLASS : Not applicable
 UN NO. : Not applicable
 PACKING GROUP : Not applicable
 HAZARD LABELS : Not applicable

[15. REGULATORY INFORMATION]

Follow all regulations in your country or region.
 EINECS : Yes
 TSCA : Yes

KAO Corporation is not able to check up the regulatory information in regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.

[16. OTHER INFORMATION]

REFERENCES : None

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.

facsimile transmission

To: Troy Turner Fax: 830-778-7737
From: Oriental Trading Company Date: 4-15-03
Re: MSDS for 12/1940 Pages: 4
cc:

Urgent For Review Please Comment Please Reply Please Recycle

