

# MATERIAL SAFETY DATA SHEET



ADEKA NOL

PAGE : 1 / 7

DATE PREPARED: December / 13 / 2006

DATE REVISED :

PRODUCT NAME

UH-756VF

MSDS No. : S-2041

## 1. CHEMICAL PRODUCTS AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER : ADEKA NOL UH-756VF

GENERAL USE : Thickener

FORMULA : Mixture

MANUFACTURER :

MANUFACTURER :

ADEKA CORPORATION

2-35, HIGASHI-OGU 7-CHOME,

ARAKAWA-KU, TOKYO 116-8554, JAPAN

TEL: 81-3-4455-2823 FAX: 81-3-3809-8222

CHEMICAL NAME & STRUCTURE:

Mixture

EMERGENCY TELEPHONE NUMBERS:

ADEKA USA CORPORATION

TEL: 1-201-934-3211 FAX: 1-201-934-3408

DISTRIBUTOR :

TEL: \_\_\_\_\_ FAX: \_\_\_\_\_

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>%</u>	<u>CAS No.</u>	<u>NOTE</u>
Organic nonionic substance	32	Trade secret	None
Water	68	7732-18-5	None

### EXPOSURE GUIDELINE

<u>OSHA HAZARDS</u>	<u>OSHA</u>		<u>ACGIH TLV</u>		<u>STEL</u>	
	<u>PEL</u>		<u>TWA</u>			
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Not applicable	-	-	-	-	-	-

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ADEKA NOL

PAGE : 2 / 7

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## 3. HAZARDS IDENTIFICATION

\*\*\*\*\* EMERGENCY OVERVIEW \*\*\*\*\*

- \* \*
  - \* Hazy viscous liquid. \*
  - \* May cause irritation to eyes and skin. \*
  - \* \*
  - \* \*
  - \* \*
- \*\*\*\*\*

### POTENTIAL HEALTH EFFECTS

SKIN CONTACT : May cause skin irritation.

EYE CONTACT : May cause eye irritation.

INHALATION : No significant health hazards identified.

INGESTION : Expected to be low toxic.

CHRONIC EFFECTS : No data exist regarding potential chronic health hazards.

## 4. FIRST AID MEASURES

SKIN CONTACT : Remove contaminated clothing immediately. Wash skin with soap and water.  
If irritation occurs, get medical attention.

EYE CONTACT : Immediately flush with large quantities of clean water for at least 15 minutes and call a physician.

INHALATION : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

INGESTION : Get medical attention. In case of unconsciousness, don't induce vomiting.

NOTE TO PHYSICIAN : None.

# MATERIAL SAFETY DATA SHEET



ADEKA NOL

PAGE : 3 / 7

DATE PREPARED: December / 13 / 2006

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## 5. FIRE-FIGHTING MEASURES

FLAMMABLE PROPERTIES :

Flash point and Method °F (°C) : Not applicable (contains 68% of water)

Flammable Limits (% by volume) : Not applicable

Autoignition Temperature °F (°C) : Not applicable

EXTINGUISHING MEDIA : This product is not flammable. (contains 68% of water)

SPECIAL FIRE-FIGHTING PROCEDURES : This product is not flammable. (contains 68% of water)

FIRE-FIGHTING INSTRUCTIONS : This product is not flammable. (contains 68% of water)

HAZARDOUS DECOMPOSITION PRODUCTS : Smoke, fumes and oxides of carbon.

TO FIREMEN : Firemen should wear normal protective equipment ( full bunker gear ) and positive-pressure self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

LARGE SPILL : Prevent the spilt liquid from spreading by the use of sand or earth. Transfer the liquid to a salvage tank if possible. Incinerate or place in a suitable container for disposal by a licensed contractor. (Follow all Federal, State and local regulations in your country.)

SMALL SPILL : Sweep up or vacuum and place into sealable container for disposal with wearing protective equipment. (See section 8.)

## 7. HANDLING AND STORAGE

HANDLING : Remove all sources of ignition.  
Utilize recommended protective equipment.

STORAGE : Keep away for heat, sparks, and open flame.  
Keep container closed and store in a cool place.

# MATERIAL SAFETY DATA SHEET



ADEKA NOL

PAGE : 4 / 7

DATE PREPARED: December / 13 / 2006

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROLS : Utilize a closed system process where feasible.

### PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION : If vapors, mists, or aerosols are generated, wear a NIOSH/OSHA approved respirator.

EYE PROTECTION : Chemical safety glasses.

SKIN PROTECTION : Chemical resistant gloves.

BODY PROTECTION : Anti-static electrical work clothes.

SPECIAL PROTECTION INFORMATION : Avoid a prolonged or repeated contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : Hazy viscous liquid

ODOR : Mild odor

BOILING POINT °F (°C) : 212 (100) (contains 68% of water).

MELTING POINT / FREEZING POINT °F (°C) : No data available.

VAPOR PRESSURE : No data available.

SOLUBILITY IN WATER : Appreciable at 77°F (25°C) <sup>1)</sup>

SPECIFIC GRAVITY : 1.045 <sup>1)</sup>

pH : 5.0—7.5 (2.5%aq.)<sup>1)</sup>

VISCOSITY : 8,000mPa·s at 77°F (25°C) <sup>1)</sup>

VAPOR DENSITY (air=1) : No data available.

EVAPORATION RATE : No data available.  
(n-Butylacetate=1)

# MATERIAL SAFETY DATA SHEET



ADEKA NOL

PAGE : 5 / 7

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## 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY : Stable under normal conditions.

SUBSTANCES TO AVOID CONTAMINATION : Strong oxidizing agents.

HAZARDOUS REACTION AND FIRE DANGER : No risk of specific hazardous reactions or fire under normal conditions

PRODUCTS CAUSING HAZARDOUS DECOMPOSITION : Aldehydes, carbon monoxide or carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

EYE EFFECTS : No data available, but may cause eye irritation.

SKIN EFFECTS : No data available, but may cause skin irritation.

ACUTE ORAL EFFECTS : No data available, but expected to be low toxic.

ACUTE INHALATION EFFECTS : No data available.

CHRONIC EFFECTS / CARCINOGENICITY : This product is not known or reported to be chronic and carcinogenic properties by any reference sources including EU, IARC, OSHA, NTP or EPA.

MUTAGENICITY : This product is not known or reported to be mutagenic properties by any reference sources including EU, IARC, OSHA, NTP or EPA.

OTHERS : No relevant information found.

## 12. ECOLOGICAL INFORMATION

BIODEGRADABILITY : No data available.

BIOACCUMULATION : No data available.

FISH TOXICITY : No data available.

OTHERS : None

# MATERIAL SAFETY DATA SHEET



ADEKA NOL

PAGE : 6 / 7

DATE PREPARED: December / 13 / 2006

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## 13. DISPOSAL CONSIDERATION

DISPOSAL INFORMATION: Should be in accordance with local, state or national registration.

## 14. TRANSPORTATION INFORMATION

UN No. : Free

IMDG CODE : Free

MARINE POLLUTANT : Free

## 15. REGULATORY INFORMATION

### U.S.FEDERAL REGULATION

TSCA: TSCA INVENTORY  registered  not registered

SARA TITLE III SECTION 313 TOXIC CHEMICALS :	COMPONENT	CAS No.	WT%
	None		

### INTERNATIONAL INFORMATION

CEPA : DSL  registered  not registered

EINECS :  registered  not registered

EINECS No. :	COMPONENT	EINECS No.

All components are registered according to EU regulations.

# MATERIAL SAFETY DATA SHEET



ADEKA NOL

PAGE : 7 / 7

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## 16. OTHER INFORMATION

### RATING

#### HMIS :

HEALTH ; 1

FLAMMABILITY ; 0

REACTIVITY ; 1

PERSONAL PROTECTIVE

EQUIPMENT ; C

#### NFPA :

HEALTH HAZARD ; 1

FLAMMABILITY ; 0

REACTIVITY ; 1

SPECIFIC HAZARD ; None

### REFERENCE :

- 1) Our testing data.

### OTHERS :

DATE REVISED : None

OTHERS : None

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