

Material Safety Data Sheet

According to 91/155 EC

Printing date 08.07.2004

Reviewed on 30.05.2004

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name: ULANO NO. 3 SCREEN DEGREASER LIQUID**
- **Application of the substance / the preparation** Water-based chemical fitting for screen printing
- **Manufacturer/Supplier:**
 ULANO CORPORATION
 110 THIRD AVENUE
 BROOKLYN, NY 11217, U.S.A.
 TEL.: +1.718 237-4700
- **EU INF**
 ULANO INTERNATIONAL (V.I.) INC.
 RUETISTRASSE 17
 CH-8952 SCHLIEREN-ZUERICH/SWITZERLAND
 TEL.: +41.1.755-4477
- **Further information obtainable from:** ULANO CORPORATION (USA): Dir. F. Widman
- **Information in case of emergency:** CHEMTREC (USA): +1-7035273887 (reverse-charge calls accepted)

2 Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Description**
n.a.
- **Identification number(s)** n.a.

3 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:** Not applicable.

4 First-aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Induce vomiting, if person is conscious. Seek medical help.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information** Cool endangered receptacles with water spray.

6 Accidental release measures

- **Person-related safety precautions:**
 Ensure adequate ventilation
 Wear protective clothing.
 Keep away from ignition sources.
- **Measures for environmental protection:** Dilute with plenty of water.

Material Safety Data Sheet

According to 91/155 EC

Printing date 08.07.2004

Reviewed on 30.05.2004

Trade name: ULANO NO. 3 SCREEN DEGREASER LIQUID

(Contd. of page 1)

· **Measures for cleaning/collecting:**

Dispose of the material collected according to regulations.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

· **Additional information:** No dangerous substances are released.

7 Handling and storage

· **Handling:**

· **Information for safe handling:** Store in cool, dry place in tightly closed receptacles.

· **Information about fire - and explosion protection:** No special measures required.

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** None.

8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Ingredients with limit values that require monitoring at the workplace:** Not required.

· **Additional information:** The lists valid during the making were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:** Be sure to clean skin thoroughly after work and before breaks.

· **Respiratory protection:** Use suitable respiratory protective device only when aerosol or mist is formed.

· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Goggles recommended during refilling

· **Body protection:** Protective work clothing

9 Physical and chemical properties

· **General Information**

Form: Liquid
Colour: Colourless

Odour: Yellowish
 Odourless

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: ca.100°C

· **Flash point:** Not applicable.

(Contd. on page 3)

Material Safety Data Sheet

According to 91/155 EC

Printing date 08.07.2004

Reviewed on 30.05.2004

Trade name: ULANO NO. 3 SCREEN DEGREASER LIQUID

(Contd. of page 2)

- **Danger of explosion:** Product does not present an explosion hazard.
- **Density at 20°C:** ca. 1 g/cm³
- **Solubility in / Miscibility with water:** Fully miscible.
- **pH-value at 20°C:** 10-11

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
 When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
 The substance is not subject to classification according to the latest version of the EU lists.

12 Ecological information

- **General notes:**
 Negative ecological effects are, according to the current state of knowledge, not expected.
 Generally not hazardous for water

13 Disposal considerations

- **Product:**
- **Recommendation**
 After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.
 Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Packagings that may not be cleansed are to be disposed of in the same manner as the product.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

- **Labelling according to EU guidelines:**
 Observe the general safety regulations when handling chemicals.
 The substance is not subject to classification according to EU lists and other sources of literature known to us.

(Contd. on page 4)

Material Safety Data Sheet
According to 91/155 EC

Printing date 08.07.2004

Reviewed on 30.05.2004

Trade name: ULANO NO. 3 SCREEN DEGREASER LIQUID

(Contd. of page 3)

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.