



MATERIAL SAFETY DATA SHEET

(According to ANSI Z400.1-2004)

PRODUCT NAME: ACTIGHOST RAPID GEL

Previous Issue: 2/2/2006

Date Prepared: August 13, 2008

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: **ACTIGHOST RAPID GEL**
 Company: **ULANO® CORPORATION**
 110 Third Avenue
 Brooklyn, NY 11217
 Phone: 718-237-4700
 Fax: 718-802-1119
 Emergency contact: 1-800-424-9300 (CHEMTREC)

MSDS prepared by: Fred Widman

Recommended use: Screen cleaner for screenprinting screens

2. HAZARD IDENTIFICATION OF THE PREPARATION

This preparation is classified as Corrosive liquid according to 29CFR 1910-1200.

Appearance / Odor: paste / mild odor

Potential Health Effects: Eyes

Corrosive! This product causes irritation to eyes. Greater exposure can cause burns that may result in permanent impairment of vision and blindness.

Potential Health Effects: Skin

Corrosive! Contact with skin can cause irritation or severe burns and scarring with greater exposures.

Potential Health Effects: Ingestion

Swallowing can cause severe burns of the mouth, throat and stomach. Severe scarring of tissue and death may result. Symptoms may include bleeding, vomiting, diarrhea and a fall in blood pressure.

Potential Health Effects: Inhalation

Signs of respiratory tract irritation (such as nasal discharge and difficulty breathing) may occur after exposure to aerosol or high vapor concentrations.

C	Corrosive
22	Harmful if swallowed
35	Causes severe burns
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Target Organs: skin, eyes, and mucous membranes

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Potential Environmental Effects: See Section 12 for more information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of the below mentioned materials

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6. ACCIDENTAL RELEASE MEASURES

Do not empty large quantities directly into drains. Collect with liquid absorbing material and proceed according to local waste disposal regulations.

7. HANDLING AND STORAGE

Keep container tightly closed and in a cool and well ventilated place. Ensure adequate ventilation. Avoid contact with skin and eyes.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limit:

CAS #	Name	OSHA TWA	ACGIH TWA
1310-73-2	Sodium Hydroxide	2 mg/m ³	2 mg/m ³

Engineering controls

General- not required
Local exhaust- recommended
Other- none

Personal Protection

Gloves- recommended
Respirator- not required
Eye- protective goggles recommended
Protective footwear- not required
Protective clothing- protective apron
Other- none

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: paste
Color: white
Odor: mild
Flash point: n.a
Ignition temperature: n.a
Density: ~1.5 g/cm³
Viscosity: paste
Explosion limits: n.a
Boiling point: ~216°F (102° C)
Vapour density: >1(air=1)
Vapour pressure: not known
Freezing point: not known
pH: ~13
Coefficient of water/ oil distribution: not known
Volatile Organic Compounds: less than 0.1%

10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions

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(see Section 7).

Store as a corrosive liquid

INCOMPATIBILITY: Strong oxidizers, acids

11. TOXICOLOGICAL INFORMATION

Effects of acute exposure:

COMPONENT	CAS#	LD ₅₀	LC ₅₀
Sodium Hydroxide	1310-73-2	500 mg/24H, skin, rabbit, severe	No data

General information:

Effects of acute exposure:

Repeated or prolonged contact causes burns of the skin mucous membranes and particularly the eyes.

Irritancy of product- Corrosive

Skin sensitization- Corrosive

Respiratory sensitization- Corrosive

Carcinogenicity- no

IARC- no

ACGIH - no

Reproductive toxicity - none known

Teratogenicity - none known

Embryotoxicity - none known

Mutagenicity - none known

Name of synergistic products/effects- none known

12. ECOLOGICAL INFORMATION

Do not empty into drains or release into open water.

Do not store at public waste disposal sites.

13. WASTE DISPOSAL INFORMATION

Dispose of as a non-hazardous aqueous waste

Empty container: scrap metal recycling or re-conditioning

Soiled container: (treatment like product itself)

14. TRANSPORT INFORMATION

ADR/RID/DOT/IATA: Class: 8

UN: 3266

Corrosive liquid, basic, inorganic, nos
(sodium hydroxide)

Packaging group: II

IMDG: Class: 8

UN: 3266

Corrosive liquid, basic, inorganic, nos
(sodium hydroxide)

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Marine pollutant: no
 Packaging group: II

15. REGULATORY INFORMATION

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of information required by the CPR, and it is classified as a code E hazardous material.

Labeling

C

R-phrases:

35 Causes severe burns

S-phrases:

24/25 Avoid contact with skin and eyes

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

37/39 Wear suitable gloves and eye / face protection

Special labeling:

n.a

National Regulation for Germany:

Water pollution class: 2

Ingredient	TSCA	EC	--Canada--		TSCA	
			DSL	NDSL		
Sodium Hydroxide (1310-73-2)	Yes	Yes	Yes	No		
Ingredient	-SARA 302-		SARA 313	-RCRA-	CERCLA -	TSCA
	RQ	TPQ	List	RQ	261.33	8(d)
Sodium Hydroxide	No	No	No	No	1,000	No

16. OTHER INFORMATION**HMIS: Health 3, Flammability 0, Reactivity 0**

Text of risk phrases mentioned in Section 2:

C Corrosive

35 Causes severe burns

For further information please refer to our technical information sheet. Data in this MSDS correspond with our current level of knowledge, but do not represent any assurance of product properties. The user personally is responsible for compliance with all legal requirements.

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