

LAWRENCE

Artists' materials since 1859

HEALTH AND SAFETY DATA SHEET

ERASOL

1. IDENTIFICATION OF THE SUBSTANCE AND PREPARATION.

Product name: Erasol
Use/description for erasing work on zinc litho plates
of product

2. COMPOSITION/INFORMATIONS ON INGREDIENTS.

Ingredient 1: Potassium Hydroxide in a weak solution.
Clear solution
KOH

3. HAZARDS IDENTIFICATION.

Main hazards: Irritant.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be soreness and redness of the mouth and throat.

4b FIRST AID MEASURES (ACTION)

Skin contact: Wash well with water
Eye contact: Bathe the eye with running water for 15 minutes.
Transfer to hospital for specialist examination.

Ingestion: DO NOT induce vomiting. If substance swallowed is corrosive, give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

5 FIRE-FIGHTING MEASURES.

Not fire hazard

6 ACIDENTAL RELEASE MEASURES.

Personal precautions: Use protective gloves
Protect eyes against splashing
Environmental precaution Do not discharge into drains or rivers.
Contain the spillage using bunding.
Clean-up procedures: Water

7 HANDLING AND STORAGE.

Handling requirements: Ensure there is sufficient ventilation of the area.
Avoid direct contact with the substance.
Storage conditions: Store in cool, well ventilated area. Keep container
tightly closed.
Suitable packaging: UN approved poly containers with vented caps.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

Engineering measures: Ensure there is sufficient ventilation of the area.
Respiratory protection: Self-contained breathing apparatus must be
available in case of emergency.
Hand protection: Protective gloves.
Eye protection: Safety goggles. Face-shield. Ensure eye bath
is to hand
Skin protection: Protective gloves

9 PHYSICAL AND CHEMICAL PROPERTIES.

State : Liquid
Colour Clear
Odour Characteristic odour
Solubility in water Miscible
Boiling point/range C 107
Relative density 1.15

10 STABILITY AND REACTIVITY.

Conditions to avoid Heat. Direct sunlight.
Materials to avoid Acids. Amines. Finely powdered metals
Organic materials.
Haz. decomp. products Contact with acids liberates toxic gas.

11 TOXICOLOGICAL INFORMATION.

Toxicity: Potassium Hydroxide

12 ECOLOGICAL INFORMATION

Mobility:	Soluble in water.
Bioaccumulative potential	No bioaccumulation potential.
Other adverse effects:	Slightly toxic to aquatic species

13 DISPOSAL CONSIDERATIONS.

Waste disposal:	Arrange for collection by specialised disposal company.
NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR/RID

UN no.	1814
ADR Class	8
Hazard ID no.:	80
Labelling	8
Shipping name:	Potassium Hydroxide

IMDG/IMO

UN no.	1814
Class	8
Packing group	III
EmS:	8-08
Marine pollutant	NO
Labelling:	8

IATA/ICAO

UN. No	1814
Class	8
Packing Group	III
Packing instructions	821
Quantity	60 L
Labelling	8

15 REGULATORY INFORMATION.

Hazard symbols:	Irritant
Risk phrases:	Skin Irritant
Safety phrases	S2: Keep out of reach of children S24/25 Avoid contact with skin and eyes. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
Note:	The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national international and local regulations or provisions.

16 ADDITIONAL INFORMATION.

WARNING; Do not use with other products.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.