

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Name: Incra Lac
Article No.: 79625
Use of the Substance/Preparation: Artists' and Restoration Material

Details of the Supplier of the Safety Data Sheet

Company: Kremer Pigmente GmbH & Co. KG
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2. Hazard Identification

Classification according to EC Regulation No.1272/2008

GHS Classification This product has not yet been classified according to the CLP/GHS guidelines.

Classification according to EC Regulation No. 67/548 or No.1999/45

Hazard designation:



Xn Harmful



F Flammable

Risk Phrases:

R63 Possible risk of harm to the unborn child.
R48 Danger of serious damage to health by prolonged exposure.
R38 Irritating to skin.
R11 Highly flammable.
R65 Harmful: May cause lung damage if swallowed.
R20 Harmful by inhalation.

Safety Phrases:

S36 Wear suitable protective clothing.
S02 Keep out of reach of children.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
S46 If swallowed, seek medical advice immediately and show this container or label.
S37 Wear suitable gloves.

3. Composition/Information on Ingredients

Mixture :
Chemical Characterization: Copper coating, contains aromatics
Hazardous Ingredients: Toluene (F,Xn; R11-38-48/20-63-65-67; H225-304-315-336-361-373) 15-20 %
CAS-Nr: 108-88-3 EINECS-Nr: 203-625-9 EC-Nr: 601-021-00-3
Ethanol (F; R11; H225) 3-5 %

Hazardous Ingredients: CAS-Nr: 64-17-5 EINECS-Nr: 200-578-6 EC-Nr: 603-002-00-5

4. First Aid Measures

Description of the First Aid Measures

After inhalation: Supply fresh air. Consult physician if symptoms persist.
In case of unconsciousness place patient stable in side position for transportation.
Consult physician immediately.
Give artificial respiration in case breathing is not regular or if it has stopped.

After skin contact: Remove contaminated clothing immediately. Wash off immediately with plenty of water and soap.
If irritation continues consult a physician.

After eye contact: Rinse open eyes with plenty of water for at least 15 minutes. Consult physician.

After ingestion: Do NOT induce vomiting. Consult physician immediately.
If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

General information: Intoxication symptoms may occur after several hours, therefore a 48 hour medical observation is necessary.

Most Important Symptoms and Effects, both Acute and Delayed

Possible symptoms: No further information available.

Indication of any Immediate Medical Attention and Special Treatment needed

Information for physician: Treat symptomatically.

5. Fire-Fighting Measures

Extinguishing Media

Suitable extinguishing media: CO₂, extinguishing powder, water jet.
Fight larger fire with water jet or alcohol resistant foam.

Unsuitable extinguishing media: Never apply a strong water jet.

Special Hazards arising from the Substance or Mixture

Special hazards: Highly flammable.
Fumes can form an explosive mixture with air.

Advice for Firefighters

Protective equipment: Wear self-contained respiratory protective device and full protective gear.

Further information: Cool exposed containers with water mist.
Collect contaminated extinguishing water and debris separately;
avoid contamination of sewage system.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions: Wear appropriate protective equipment. Keep spectators away.
Close leaks without taking any risk.
Avoid contact with skin and eyes. Do not ingest or inhale.

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Personal precautions:	Keep away from sources of ignition. No smoking.
Environmental precautions:	Prevent contamination of soils, drains and surface water. Contact local authorities if product pollutes soil or vegetation.
Methods and material for containment and cleaning up:	Larger amounts should be pumped into adequate containers. Contain with absorbent material (sand, diatomaceous earth, universal absorbent, Oil Dri) and dispose accordingly.
Reference to other sections:	Protective clothing, see para. 8.

7. Handling and Storage

Precautions for Safe Handling

Instructions on safe handling:	Provide adequate ventilation, also in floor area (vapors are heavier than air). Open and handle container with care. Keep containers tightly closed. Electric discharges can be formed during pumping. Earth all devices and apparatus. Avoid spilling or spraying in closed rooms. Limit the flow rate in the pipes to avoid electrostatic discharges (< 10 m/s).
Information on fire and explosion protection:	Keep away from sources of ignition - do not smoke. Take measures to prevent electricity static discharge. Use only in explosion protective area. Extinguish any naked flames. No not smoke. Remove ignition sources. Avoid sparks. Ensure electrical continuity by bonding and grounding (earthing) all equipment. Cool exposed containers with water.

Conditions for Safe Storage, including any Incompatibilities

Storage conditions:	Store in tightly sealed containers in a cool and well ventilated location. Protect against heat and direct sunlight.
Requirements for storage areas and containers:	Store in a room with a solvent-proof floor. Suitable container material: stainless steel. Unsuitable container material and interior lining: natural rubber, butyl, nitrile and neoprene rubber.
Storage class (VCI):	3: Flammable liquids

8. Exposure Controls/Personal Protection

Technical protective measures:	Adequate ventilation to control airborne concentrations below the exposure limits.
Parameters to be controlled (DE):	Toluene, CAS 108-88-3; TWA (D): 190 mg/m ³ , 50 ml/m ³ 4(II); DFG, H, Y TRGS 900, Skin designation: can be absorbed by skin.
Parameters to be controlled (EC):	Ethanol, CAS 64-17-5; AGW (TRGS 900): 500 ppm / 960 mg/m ³ (2) Toluene

Value: TWA (EU ELV): 192 mg/m³; 50 ppm
STEL (EU ELV): 384 mg/m³; 100 ppm
BAT-Value: 1.0 ml/l

Personal Protective Equipment

General protective measures: Avoid contact with eyes and skin.
Remove contaminated clothing immediately.
Do not inhale gas/fumes/vapor/aerosol.
Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection: Respiratory equipment required in case of insufficient ventilation, filter type A.

Hand protection: Each work area must have adequate protective gloves.
The manufacturer's directions for use should be observed because of the great diversity of types.

Protective glove material: Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material and dexterity. Always seek advice from glove suppliers.
Fluoro carbon rubber -FKM (480 min; 0.4 mm).

Eye protection: Safety glasses with protective shields (EN 166).

Body protection: Protective clothing.

9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Form: liquid
Color: colorless
Odor: aromatic
Odor threshold: No information available.
Melting temperature: not available
Boiling temperature: not available
Flash point: not available
Ignition temperature: not available
Explosion risk: Product is not explosive; however, an explosive vapor/air mixture can be formed.
Vapor pressure: not determined
Density: not determined
Solubility in water: insoluble
pH-Value: not determined
Viscosity dynamic: not available
Oxidizing properties: No information available.

10. Stability and Reactivity

Reactivity: No decomposition if used according to specifications.
Chemical stability: Stable if used according to specifications.
Hazardous reactions: Formation of explosive vapor-air-mixtures possible.
Conditions to avoid: Avoid contact with heat, sparks and open fire.
Incompatible materials: Strong oxidizing agents.

Revised edition: 07.07.2012

Hazardous decomposition products: No information available.

11. Toxicological Information

Acute Toxicity

LD50, oral: Toluene (108-88-3): 5300 - 5910 mg/kg (rat)
Ethanol (64-17-5): 5000 mg/kg (rat; OECD 401)

LD50, dermal: Toluene (108-88-3): 12124 mg/kg (rabbit)
Ethanol (64-17-5): > 10000 mg/kg (rabbit; OECD 402)

LD50, inhalation: Toluene (108-88-3): 28.1 mg/kg (4h, rat)
Ethanol (64-17-5): > 1800 mg/kg (4h, rat)

Primary effects

Irritant effect on skin: Skin contact may cause irritation.

Irritant effect on eyes: May irritate eyes.

Inhalation: No information available

Sensitization: No sensitizing effects known.

Reproductive toxicity: No information available.

Cancerogeny: No data available.

Mutagenicity: No data available.

Specific target organ toxicity (STOT): No data available.

12. Ecological Information

Persistency and Degradability: No information available.

Bioaccumulation: No information available.

Mobility: No information available.

Ecological effects

Aquatic toxicity: :

- Fish toxicity: Toluene (108-88-3): LC50: 24 mg/l (96h, Oncorhynchus mykiss)
Ethanol (64-17-5): LC50: 8150 mg/l (48h, Leuciscus idus)

- Daphnia toxicity: Toluene (108-88-3): EC50: 11.5 mg/l (48h, Daphnia magna)
Ethanol (64-17-5): EC50: 9268-14221 mg/l (48h, Daphnia magna)

- Bacteria toxicity: Toluene (108-88-3): NOEC: 29 mg/l (16h; Pseudomonas putida)
Ethanol (64-17-5): EC0: 6500 mg/l (16h; Pseudomonas putida)

- Algae toxicity: Toluene (108-88-3): IC50: 12 mg/l (72h; Selenastrum capricornutum)
Ethanol (64-17-5): EC0: 5000 mg/l (168h; Selenastrum capricornutum)

Results of PBT and vPvB assessment: No data available.

Further information

Water hazard class: 2
Do not let product contaminate ground water, waterways or sewage system.

13. Disposal Considerations

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Waste Treatment Methods

Product: In accordance with current regulations, product may be taken to an incineration plant.

Uncleaned packaging: Uncontaminated packaging may be recycled. Completely empty packaging can be disposed of with the regular waste.
Do not puncture, cut or weld uncleaned drums.
Uncontaminated packaging may be disposed of in the same manner as the product.

14. Transport Information

Road Transportation ADR/RID

Class: 3
Packaging group: II
UN No.: 1263
Classification code: F1
Tunnel No.: D/E
Hazard No.: 3
Correct technical name: PAINT

Sea transportation

IMDG/GGVSee Class: 3
Packaging group: II
UN No.: 1263
EmS No.: F-E, S-D
Hazard No.: 3
Correct technical name: PAINT

Air transportation

ICAO/IATA Class: 3
Packaging group: II
UN No.: 1263
Hazard No.: 3
Correct technical name: PAINT

15. Regulatory Information

Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

:

Employment restrictions: The employment restrictions for young workers in accordance with the Youth Employment Protection Law (94/33/EC) are to be observed.
The employment restrictions for expectant and nursing mothers in accordance with the Maternity Protection Guideline (94/85/EEC) are to be observed.

Water hazard class: 2, hazardous for water

Restriction and prohibition of application: Keep out of reach of children.

Chemical Safety Assessment

Chemical safety assessment:

A Chemical Safety Assessment has not yet been carried out for this product.

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations.

This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.