



Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 02/23/2016

Reviewed on 02/23/2016

* 1 Identification

- **Product Identifier**
- **Trade name:** *Electrum Premium Tattoo Stencil Remover and Skin Prep*
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description** Tattoo stencil remover and skin disinfectant
- **Application of the substance / the mixture:** Topical disinfectant
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
Electrum Supply
203 Hawthorne Drive
Goshen, IN 46526
Office: +1-574-304-3992
- **Emergency telephone number:** +1-574-304-3992

* 2 Hazard(s) Identification

- **Classification of the substance or mixture:**



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS07

Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.

- **Label elements:**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**



GHS02 GHS07

- **Signal word:** Warning
- **Hazard-determining components of labeling:**
Isopropyl alcohol
Tea Tree Oil
- **Hazard statements:**
H226 Flammable liquid and vapor.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
- **Precautionary statements:**
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves / eye protection / face protection.

(Contd. on page 2)

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- P280 Wear eye protection / face protection.
 P240 Ground/bond container and receiving equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P264 Wash thoroughly after handling.
 P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312 Call a POISON CENTER/doctor if you feel unwell.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.
 P405 Store locked up.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Unknown acute toxicity:**

0 % of the mixture consists of component(s) of unknown toxicity.

· **Classification system:**· **NFPA ratings (scale 0 - 4)**· **HMS-ratings (scale 0 - 4)**

HEALTH	1	Health = 1
FIRE	3	Fire = 3
REACTIVITY	0	Reactivity = 0

· **Hazard(s) not otherwise classified (HNOC):** None known* **3 Composition/Information on Ingredients**· **Chemical characterization: Mixtures**· **Description:** Mixture of substances listed below with non-hazardous additions.· **Dangerous Components:**

CAS: 67-63-0 RTECS: NT 8050000	Isopropyl alcohol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	25-50%
CAS: 110-27-0 RTECS: XB 8600000	Isopropyl myristate	2-12%
CAS: 68647-73-4	Tea Tree Oil ⚠ Eye Irrit. 2A, H319; STOT SE 3, H335; Flam. Liq. 4, H227	2-12%

· **Additional information:**

The specific chemical identities of the ingredients of this mixture labeled as "Trade Secret" are considered to be proprietary and are withheld in accordance with the provisions of 29CFR1910.1200 Sect. (i) Trade Secrets.

(Contd. on page 3)



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* 4 First-Aid Measures

- **Description of first aid measures:**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Generally the product does not irritate the skin.
Extended skin contact with large quantities of this product may irritate the skin. If exposed, rinse skin and/or hair gently with water until all product is removed.
- **After eye contact:**
Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If swallowed and symptoms occur, consult a doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

5 Fire-Fighting Measures

- **Extinguishing media:**
- **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture:**
If incinerated, product may release: Carbon Oxides, Nitrogen Oxides (NO_x) and Sodium Oxides.
- **Advice for firefighters:**
If incinerated, may release toxic fumes.
Use water spray to cool unopened containers.
Beware of vapors accumulating to form explosive concentrations.
Vapors can accumulate in low areas.
- **Protective equipment:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents
Dispose of the collected material according to regulations.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

- **Handling**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

(Contd. on page 4)



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· **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

· **Conditions for safe storage, including any incompatibilities:**

Store away from strong acids, strong bases, strong oxidizing agents, acid anhydride, Aluminum and Aluminum alloys, Copper and Copper alloys, Zinc, galvanized surfaces and Halogenated compounds.

· **Storage**

· **Requirements to be met by storerooms and receptacles:**

Store in a cool location.
Store in a well-ventilated place.

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

· **Further information about storage conditions:**

Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

· **Specific end use(s):** No further relevant information available.

*** 8 Exposure Controls/Personal Protection**

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

· **Control parameters:**

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).
Use local exhaust at filling zones and where leakage is probable.
Use mechanical (general) ventilation for storage areas.
Use appropriate ventilation as required to keep Exposure Limits in Air below TLV & PEL limits.

· **Components with occupational exposure limits:**

67-63-0 Isopropyl alcohol

PEL	Long-term value: 980 mg/m ³ , 400 ppm
REL	Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm
TLV	Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 200 ppm BEI

· **Ingredients with biological limit values:**

67-63-0 Isopropyl alcohol

BEI	40 mg/L Biological Specimen: urine Exposure Indices: end of shift at end of workweek Parameters: Acetone (background, nonspecific)
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· **Additional information:** The lists that were valid during the creation of this SDS were used as basis.

· **Exposure controls:**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing and wash before reuse.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.



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Not usually required. When working with product in tight, closed areas with poor ventilation, a vapor respirator is highly recommended.

· Protection of hands:

Protective gloves

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.

Select glove material based on penetration times, rates of diffusion and 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. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material:

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

· Eye protection:

Tightly sealed goggles

* 9 Physical and Chemical Properties

· Information on basic physical and chemical properties**· General Information****· Appearance:****Form:**

Liquid

Color:

Colorless to light amber

· Odor:

Pungent-Alcoholic

· Odor threshold:

Not determined.

· pH-value @ 20 °C (68 °F):

< 8

· Change in condition**Melting point/Melting range:**

Not determined.

Boiling point/Boiling range:

83 °C (181 °F)

· Flash point:

26 °C (79 °F)

· Flammability (solid, gaseous):

Not applicable.

· Ignition temperature:

456 °C (853 °F)

· Decomposition temperature:

Not determined.

· Auto igniting:

Product is not self-igniting.

· Danger of explosion:

Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

(Contd. on page 6)

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- **Explosion limits:**
 - Lower:** 0.0 Vol %
 - Upper:** 12.0 Vol %
- **Vapor pressure @ 20 °C (68 °F):** 23 hPa (17 mm Hg)
- **Density @ 20 °C (68 °F):** 0.9 g/cm³ (7.511 lbs/gal)
- **Relative density:** Not determined.
- **Vapor density:** Not determined.
- **Evaporation rate:** Not determined.
- **Solubility in / Miscibility with:**
 - Water:** Not miscible or difficult to mix.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
- **Solvent content:**
 - Organic solvents:** 44.1 %
 - Water:** 41.9 %
 - VOC content:** 49.1 %
- **Other information:** No further relevant information available.

10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Incompatibilities, heat, flames, sparks, ignition source and direct sunlight.
- **Incompatible materials:** Strong acids, strong bases, strong oxidizing agents, acid anhydride, Aluminum and Aluminum alloys, Copper and Copper alloys, Zinc, galvanized surfaces and Halogenated compounds.
- **Hazardous decomposition products:** Carbon Oxides, Nitrogen Oxides (NO_x) and Sodium Oxides.

***11 Toxicological Information**

- **Information on toxicological effects:**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

67-63-0 Isopropyl alcohol

Oral	LD50	5045 mg/kg (rat)
Dermal	LD50	12800 mg/kg (rabbit)
Inhalative	LC50/4 h	30 mg/l (rat)
	LC50/96 hours	9640 mg/l (Pimephales)

110-27-0 Isopropyl myristate

Oral	LD50	>2000 mg/kg (rat)
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68647-73-4 Tea Tree Oil

Oral	LD50	1900 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rabbit)

(Contd. on page 7)

**Safety Data Sheet (SDS)**

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- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:**
Irritating effect.
Causes serious eye irritation.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
- **Carcinogenic categories:**
- **IARC (International Agency for Research on Cancer):**
None of the ingredients are listed.

67-63-0	Isopropyl alcohol	3
· NTP (National Toxicology Program): None of the ingredients are listed.		
· OSHA-Ca (Occupational Safety & Health Administration): 67-63-0 Isopropyl alcohol		

*** 12 Ecological Information**

- **Toxicity:**
- **Aquatic toxicity:**
67-63-0 Isopropyl alcohol
EC50 6851 mg/l (Green algae)
5102 mg/l (Water flea)
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Not known to be hazardous to water.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

*** 13 Disposal Considerations**

- **Waste treatment methods:**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings**
- **Recommendation:** Dispose of as unused product.

*** 14 Transport Information**

- **UN-Number:**
- **DOT** UN1993
- **ADR, IMDG, IATA** UN1219

(Contd. on page 8)



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- **UN proper shipping name:**
- **DOT**
- **ADR**
- **IMDG, IATA**
- **Transport hazard class(es):**
- **DOT**

Flammable liquids, n.o.s. (Isopropanol (Isopropyl alcohol))
UN1219 Isopropanol (Isopropyl alcohol) mixture
ISOPROPANOL (ISOPROPYL ALCOHOL) mixture



- **Class:**
- **Label:**

3 Flammable liquids
3

- **ADR**



- **Class:**
- **Label:**

3 (F1) Flammable liquids
3

- **IMDG, IATA**



- **Class:**
- **Label:**
- **Packing group:**
- **DOT, ADR, IMDG, IATA**
- **Environmental hazards:**
- **Special precautions for user:**
- **Danger code (Kemler):**
- **EMS Number:**
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**
- **Transport/Additional information:**

3 Flammable liquids
3
II
Not applicable.
Warning: Flammable liquids
33
F-E,S-E
Not applicable.

- **DOT**
- **Quantity limitations:**

On passenger aircraft/rail: 5 L
On cargo aircraft only: 60 L

- **ADR**
- **Excepted quantities (EQ):**

Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml

- **IMDG**
- **Limited quantities (LQ):**
- **Excepted quantities (EQ):**

1L
Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml

(Contd. on page 9)



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· **UN "Model Regulation":** UN1219, Isopropanol (Isopropyl alcohol) mixture, 3, II

* 15 Regulatory Information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
· **SARA (Superfund Amendments and Reauthorization):**

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

67-63-0 Isopropyl alcohol

· **TSCA (Toxic Substances Control Act):**

67-63-0 Isopropyl alcohol

110-27-0 Isopropyl myristate

68647-73-4 Tea Tree Oil

7732-18-5 Water, distilled water, deionized water

· **California Proposition 65:**

· **Chemicals known to cause cancer:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

· **New Jersey Right-to-Know List:**

None of the ingredients are listed.

· **New Jersey Special Hazardous Substance List:**

None of the ingredients are listed.

· **Pennsylvania Special Hazardous Substance List:**

None of the ingredients are listed.

· **Carcinogenic categories:**

· **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

· **TLV (Threshold Limit Value established by ACGIH):**

67-63-0 Isopropyl alcohol

A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients are listed.

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

(Contd. on page 10)



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GHS02 GHS07

Signal word: Warning**Hazard-determining components of labeling:**

Isopropyl alcohol

Tea Tree Oil

Hazard statements:

H226 Flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

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P280 Wear eye protection / face protection.

P240 Ground/bond container and receiving equipment.

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P243 Take precautionary measures against static discharge.

P264 Wash thoroughly after handling.

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P337+P313 If eye irritation persists: Get medical advice/attention.

P370+P378 In case of fire: Use for extinction: CO₂, powder or water spray.

P405 Store locked up.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations:

The product is subject to be classified according with the latest version of the regulations on hazardous substances.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**16 Other Information**

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

Date of preparation / last revision: 02/23/2016 / 2

(Contd. on page 11)



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· **Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Flam. Liq. 2: Flammable liquids, Hazard Category 2
Flam. Liq. 3: Flammable liquids, Hazard Category 3
Flam. Liq. 4: Flammable liquids, Hazard Category 4
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

· *** Data compared to the previous version altered.**

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