1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Maxxon® Commercial Unset
Trade Name: Maxxon Commercial Unset Thinset Remover
Recommended uses: Glue remover, Broadloom Glue and Mastic Glue Remover, Thinset Mortar Remover
Restrictions on uses: None identified
Supplier: Maxxon Corporation, 920 Hamel Road • PO Box 253 • Hamel, MN 55340
Company Telephone/Fax: (763) 478-9600 / (763) 478-2431

2. HAZARDS IDENTIFICATION

GHS classification
Acute Tox. 4 (Oral) Harmful if swallowed
Acute Tox. 4 (Dermal) Harmful in contact with skin
Skin Irrit. 2 Causes skin irritation
Eye Irrit. 2A Causes serious eye irritation

Hazard pictograms (GHS)

Signal word (GHS) Warning
Hazard statements (GHS) Harmful if swallowed or in contact with skin. Causes skin irritation. Causes serious eye irritation
Precautionary statements (GHS) Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Call a poison center or doctor if you feel unwell. If on skin: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Dispose of contents/container in accordance with local, regional, national and/or international regulation.

Other hazards: No additional information available
Unknown acute toxicity: Not applicable
3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances: Not Applicable
Mixtures: Not Applicable

<table>
<thead>
<tr>
<th>NAME</th>
<th>PRODUCT IDENTIFIER</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl alcohol</td>
<td>(CAS-No.) 100-51-6</td>
<td>80–100</td>
</tr>
<tr>
<td>Ethanol, 2-amino-</td>
<td>(CAS-No.) 141-43-5</td>
<td>1–5</td>
</tr>
</tbody>
</table>

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

* All remaining components are below reportable levels and/or non-hazardous as per HazCom 2012

4. FIRST AID MEASURES

Description of first aid measures

First-aid measures general: Get medical advice/attention if you feel unwell.
First-aid measures after inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact: IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. Call a poison center/doctor/physician if you feel unwell.
First-aid measures after eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation: Harmful if inhaled. May cause irritation to the respiratory tract.
Symptoms/effects after skin contact: Harmful in contact with skin. Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion: Harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
4. FIRST AID MEASURES Continued

Indication of any immediate medical attention and special treatment needed

Symptoms may be delayed: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. FIRE FIGHTING MEASURES

Extinguishing media


Unsuitable extinguishing media: Do not use water jet.

Special hazards arising from the substance or mixture

Fire hazard: Products of combustion may include, and are not limited to: oxides of carbon, oxides of nitrogen, ammonia, irritating vapours.

Advice for firefighters

Firefighting instructions: Move containers away from the fire area if this can be done without risk. Cool closed containers exposed to fire with water spray.

Protection during firefighting: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

General measures: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

For non-emergency personnel: No additional information available

For emergency responders: No additional information available

Environmental precautions: Prevent entry to sewers and public waters.

Methods and material for containment and cleaning up

For containment: Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.

Methods for cleaning up: Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

Reference to other sections: For further information refer to section 8: “Exposure controls/personal protection”
7. HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Wear appropriate PPE (see Section 8).

Hygiene measures: Take off contaminated clothing and wash it before reuse. Wash hands, forearms and face thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage area: Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Unset - Liquid Version: No additional information available

Ethanol, 2-amino (141-43-5)

USA - ACGIH - Occupational Exposure Limits: Local Name — Ethanolamine ACGIH OEL TWA [ppm] — 3 ppm ACGIH OEL STEL [ppm] — 6 ppm Remark (ACGIH) — TLV® Basis: Eye & skin irr Regulatory reference — ACGIH 2021


USA - IDLH - Occupational Exposure Limits: IDLH [ppm] — 30 ppm

USA - NIOSH - Occupational Exposure Limits: NIOSH REL TWA — 8 mg/m³ NIOSH REL TWA [ppm] — 3 ppm NIOSH REL STEL — 15 mg/m³ NIOSH REL STEL [ppm] — 6 ppm

Benzyl alcohol (100-51-6)

USA - ACGIH - Occupational Exposure Limits: WEEL TWA [ppm] — 10 ppm

Appropriate engineering controls

Appropriate engineering controls: Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.

Environmental exposure controls: Avoid release to the environment.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION  

Individual protection measures/Personal protective equipment

Hand protection: Wear suitable gloves resistant to chemical penetration. Nitrile (chemical resistant) are recommended.

Eye protection: Wear eye/face protection. Properly fitted safety glasses or splash goggles are recommended. A face shield can also be used.

Skin and body protection: Wear suitable protective clothing. Examples would be coveralls or long sleeves.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

Other information: Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Amber Liquid
Physical state Liquid
Color Amberish
Odour Aromatic
Odour threshold No data available
pH Not applicable
Melting point -14 °C
Freezing point -15 °C
Boiling point >205 °C
Flash point >98.9 °C /210 °F
Relative evaporation rate (butylacetate=1) No data available
Flammability (solid, gas) Not flammable
Vapour pressure No data available
Relative vapour density at 20 °C 3.7
Relative density 1.04
Solubility Slightly soluble
Partition coefficient n-octanol/water No data available
Auto-ignition temperature Not applicable
Decomposition temperature At Combustion
Viscosity 5.4 cP @25 °C
Explosive limits Not applicable
10. STABILITY AND REACTIVITY

Reactivity: No dangerous reactions known under normal conditions of use.
Chemical stability: Stable under normal conditions.
Possibility of hazardous reactions: No dangerous reactions known under normal conditions of use.
Conditions to avoid: Heat. Protect from moisture. Incompatible materials.
Hazardous decomposition products: May include, and are not limited to: oxides of carbon, oxides of nitrogen, ammonia, irritating vapours.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral: Harmful if swallowed.
Dermal: Harmful in contact with skin.
Inhalation: Not classified.
ATE CA (oral): 1244.643 mg/kg bodyweight
ATE CA (dermal): 1958.864 mg/kg bodyweight

<table>
<thead>
<tr>
<th>ETHANOL,2-AMINO- (141-43-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
</tr>
<tr>
<td>LD50 dermal</td>
</tr>
<tr>
<td>LD50 inhalation rat</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BENZYL ALCOHOL (100-51-6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
</tr>
<tr>
<td>LD50 oral</td>
</tr>
<tr>
<td>LC50 dermal rabbit</td>
</tr>
<tr>
<td>LC50 inhalation rat</td>
</tr>
</tbody>
</table>
11. TOXICOLOGICAL INFORMATION

Skin corrosion/irritation: Causes skin irritation.
  pH: Not applicable

<table>
<thead>
<tr>
<th>ETHANOL, 2-AMINO (141-43-5)</th>
</tr>
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<tbody>
<tr>
<td>pH</td>
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</table>

Serious eye damage/irritation: Causes serious eye damage.
  pH: Not applicable

<table>
<thead>
<tr>
<th>ETHANOL, 2-AMINO (141-43-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
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</table>

Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
STOT-single exposure: Not classified

<table>
<thead>
<tr>
<th>ETHANOL, 2-AMINO (141-43-5)</th>
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<tbody>
<tr>
<td>STOT-single exposure</td>
</tr>
</tbody>
</table>

STOT-repeated exposure: Not classified

<table>
<thead>
<tr>
<th>ETHANOL, 2-AMINO (141-43-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOAEL (oral, rat, 90 days)</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BENZYL ALCOHOL (100-51-6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOAEL (oral, rat, 90 days)</td>
</tr>
</tbody>
</table>

Aspiration hazard: Not classified
Viscosity, kinematic: Not classified

<table>
<thead>
<tr>
<th>ETHANOL, 2-AMINO (141-43-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity, kinematic</td>
</tr>
</tbody>
</table>
11. TOXICOLOGICAL INFORMATION Continued

**BENZYL ALCOHOL (100-51-6)**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity, kinematic</td>
<td>4.847 mm²/s</td>
</tr>
</tbody>
</table>

**Symptoms/effects after inhalation:** Harmful if inhaled. May cause irritation to the respiratory tract.

**Symptoms/effects after skin contact:** Harmful in contact with skin. Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

**Symptoms/effects after eye contact:** Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

**Symptoms/effects after ingestion:** Harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Other information:** Likely routes of exposure: ingestion, inhalation, skin and eye.

12. ECOLOGICAL INFORMATION

**Ecology - general** May cause long-term adverse effects in the aquatic environment.

**ETHANOL, 2-AMINO- (141-43-5)**

<table>
<thead>
<tr>
<th>Test Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 - Fish [1]</td>
<td>227 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])</td>
</tr>
<tr>
<td>EC50 - Crustacea [1]</td>
<td>65 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
</tr>
<tr>
<td>LC50 - Fish [2]</td>
<td>3684 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])</td>
</tr>
<tr>
<td>EC50 72h - Algae [1]</td>
<td>15 mg/l (Species: Desmodesmus subspicatus)</td>
</tr>
<tr>
<td>EC50 72h - Algae [2]</td>
<td>2.1 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)</td>
</tr>
<tr>
<td>EC50 algae</td>
<td>2.5 mg/l</td>
</tr>
<tr>
<td>NOEC (chronic)</td>
<td>0.85 mg/l Test organisms (species): Daphnia magna Duration: ‘21 d’</td>
</tr>
<tr>
<td>NOEC chronic fish</td>
<td>1.24 mg/l Test organisms (species): Oryzias latipes Duration: ‘41 d’</td>
</tr>
</tbody>
</table>
12. ECOLOGICAL INFORMATION

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<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>BENZYL ALCOHOL (100-51-6)</td>
<td>460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])</td>
<td>23 mg/l (Exposure time: 48 h - Species: water flea)</td>
<td>3684 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])</td>
<td>770 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)</td>
<td>500 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)</td>
<td>76828 mg/l Test organisms (species): other:</td>
<td>51 mg/l Test organisms (species): Daphnia magna Duration: ‘21 d’</td>
<td>48897 mg/l Test organisms (species): other: Duration: ‘30 d’</td>
</tr>
</tbody>
</table>

**PERSISTENCE AND DEGRADABILITY**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Persistence and degradability</th>
<th>Bioaccumulative potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNSET</td>
<td>Not established</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

**BIOACCUMULATIVE POTENTIAL**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Persistence and degradability</th>
<th>Bioaccumulative potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNSET</td>
<td>Not established</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

**ETHANOL,2-AMINO- (141-43-5)**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Partition coefficient n-octanol/water</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL,2-AMINO- (141-43-5)</td>
<td>-1.91 (at 25 °C)</td>
</tr>
</tbody>
</table>

**BENZYL ALCOHOL (100-51-6)**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Partition coefficient n-octanol/water</th>
</tr>
</thead>
<tbody>
<tr>
<td>BENZYL ALCOHOL (100-51-6)</td>
<td>1.1</td>
</tr>
</tbody>
</table>

**Mobility in soil:**

No additional information available

**Other adverse effects:**

No other effects known.

13. DISPOSAL CONSIDERATIONS

**Product/Packaging disposal recommendations**

The generation of waste should be avoided or minimized wherever possible. Dispose of product in accordance with all local, regional, national and/or international regulations. Empty containers or liners may retain some product residues. Recycle empty containers where permitted.
14. TRANSPORTATION INFORMATION

UN Number: Not regulated for transport

UN proper shipping name
- Proper shipping name (DOT): Not applicable
- Proper shipping name (IMDG): Not applicable
- Proper shipping name (IATA): Not applicable

Transport hazard class(es)
- Transport hazard class(es) (DOT): Not applicable
- Transport hazard class(es) (IMDG): Not applicable
- Transport hazard class(es) (IATA): Not applicable

Packing Group
- Packing group (DOT): Not applicable
- Packing group (IMDG): Not applicable
- Packing group (IATA): Not applicable

Environmental hazards
- Other information: No supplementary information available.

Special precautions for user
- Special transport precautions: Do not handle until all safety precautions have been read and understood.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- Not applicable

15. REGULATORY INFORMATION

Federal regulations:
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

International regulations:
No additional information available

US State regulations:
California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.
16. OTHER INFORMATION

Product List: Maxxon Commercial Unset
Issue Date: April 2023
Version: 01
Revision Date: NA
Prepared by: Maxxon Corporation

HMIS® ratings:
  Health: 0
  Flammability: 0
  Reactivity: 0

NFPA ratings:
  Health: 0
  Flammability: 0
  Reactivity: 0

0=Minimal  1=Slight  2=Moderate  3=Serious  4=Severe  *=Chronic

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