

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Identifier:</b>	Maxxon <sup>®</sup> Commercial Unset
<b>Trade Name:</b>	Maxxon Commercial Unset Thinset Remover
<b>Recommended uses:</b>	Glue remover, Broadloom Glue and Mastic Glue Remover, Thinset Mortar Remover
<b>Restrictions on uses:</b>	None identified
<b>Supplier:</b>	Maxxon Corporation, 920 Hamel Road • PO Box 253 • Hamel, MN 55340
<b>Company Telephone/Fax:</b>	(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:**

NAME	PRODUCT IDENTIFIER	%
Benzyl alcohol	(CAS-No.) 100-51-6	80-100
Ethanol, 2-amino-	(CAS-No.) 141-43-5	1-5

*\*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.

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#### 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).

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#### 5. FIRE FIGHTING MEASURES

**Extinguishing media**

Suitable extinguishing media: Water. Dry chemical. Foam. Carbon dioxide (CO<sub>2</sub>). Alcohol-resistant foam.

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).

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#### 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**

<b>Precautions for safe handling:</b>	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).
<b>Hygiene measures:</b>	Take off contaminated clothing and wash it before reuse. Wash hands, forearms and face thoroughly after handling.
<b>Conditions for safe storage, including any incompatibilities</b>	
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<sup>®</sup> Basis: Eye & skin irr  
Regulatory reference — ACGIH 2021

USA - OSHA - Occupational Exposure Limits:  
Local Name — Ethanolamine  
OSHA PEL TWA [1] — 6 mg/m<sup>3</sup>  
OSHA PEL TWA [2] — 3 ppm  
Regulatory reference (US-OSHA) — OSHA Annotated Table Z-1

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

USA - NIOSH - Occupational Exposure Limits:  
NIOSH REL TWA — 8 mg/m<sup>3</sup>  
NIOSH REL TWA [ppm] — 3 ppm  
NIOSH REL STEL — 15 mg/m<sup>3</sup>  
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** *Continued***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**

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

**8. PHYSICAL AND CHEMICAL PROPERTIES** *Continued*

<b>Explosive properties</b>	Not applicable
<b>Oxidising properties</b>	Not applicable
<b>Other information:</b>	No additional information available

**10. STABILITY AND REACTIVITY**

<b>Reactivity:</b>	No dangerous reactions known under normal conditions of use.
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No dangerous reactions known under normal conditions of use.
<b>Conditions to avoid:</b>	Heat. Protect from moisture. Incompatible materials.
<b>Incompatible materials:</b>	Strong oxidizers. Strong Acids
<b>Hazardous decomposition products:</b>	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

<b>ETHANOL, 2-AMINO - (141-43-5)</b>	
LD50 oral rat	1720 mg/kg
LD50 dermal rabbit	1000 mg/kg
LD50 dermal	1018 mg/kg
LD50 inhalation rat	>1.3 mg/l (Exposure time: 6 h)

<b>BENZYL ALCOHOL (100-51-6)</b>	
LD50 oral rat	1,230 mg/kg
LD50 oral	1580 mg/kg body weight Animal: mouse, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1410 - 1770
LC50 dermal rabbit	2 g/kg
LC50 inhalation rat	> 4178 mg/m <sup>3</sup> (Exposure time: 4 h)

**11. TOXICOLOGICAL INFORMATION** *Continued*

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

ETHANOL, 2-AMINO (141-43-5)	
pH	12.1 (conc: 25% (aqueous solution))

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

ETHANOL, 2-AMINO (141-43-5)	
pH	12.1 (conc: 25% (aqueous solution))

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

ETHANOL, 2-AMINO (141-43-5)	
STOT-single exposure	May cause respiratory irritation.

**STOT-repeated exposure:** Not classified

ETHANOL, 2-AMINO (141-43-5)	
NOAEL (oral, rat, 90 days)	300 mg/kg bodyweight Animal: rat, Guideline: other:OECD Guideline 416 (Two-generation reproduction toxicity study)
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

BENZYL ALCOHOL (100-51-6)	
NOAEL (oral, rat, 90 days)	400 mg/kg bodyweight Animal: rat, Guideline: other:OECD Guideline 451 (Carcinogenicity Studies)

**Aspiration hazard:** Not classified  
**Viscosity, kinematic:** Not classified

ETHANOL, 2-AMINO- (141-43-5)	
Viscosity, kinematic	23.554 mm <sup>2</sup> /s

**11. TOXICOLOGICAL INFORMATION** *Continued*

BENZYL ALCOHOL (100-51-6)	
Viscosity, kinematic	4.847 mm <sup>2</sup> /s

**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)	
LC50 - Fish [1]	227 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 - Crustacea [1]	65 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	3684 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 72h - Algae [1]	15 mg/l (Species: Desmodesmus subspicatus)
EC50 72h - Algae [2]	2.1 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
ErC50 algae	2.5 mg/l
NOEC (chronic)	0.85 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	1.24 mg/l Test organisms (species): Oryzias latipes Duration: '41 d'



**12. ECOLOGICAL INFORMATION** *Continued*

BENZYL ALCOHOL (100-51-6)	
LC50 - Fish [1]	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Crustacea [1]	23 mg/l (Exposure time: 48 h - Species: water flea)
LC50 - Fish [2]	3684 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 72h - Algae [1]	770 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	500 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
ErC50 96h - Algae [1]	76828 mg/l Test organisms (species): other:
NOEC (chronic)	51 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	48897 mg/l Test organisms (species): other: Duration: '30 d'

**PERSISTENCE AND DEGRADABILITY**

UNSET	
Persistence and degradability	Not established

**BIOACCUMULATIVE POTENTIAL**

UNSET	
Bioaccumulative potential	Not established.

ETHANOL,2-AMINO- (141-43-5)	
Partition coefficient n-octanol/water	-1.91 (at 25 °C)

BENZYL ALCOHOL (100-51-6)	
Partition coefficient n-octanol/water	1.1

**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.

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**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

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**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<sup>®</sup> 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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