

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier:	Maxxon [®] Commercial Profile
Recommended uses:	Heavy duty concrete cleaner
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
Emergency Telephone Number:	(800) 424-9300 (CHEMTREC)

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Physical hazards:	Not Classified
Health hazards:	Not Classified
Skin corrosion/irritation:	Category 2
Serious eye damage/eye irritation:	Category 2
Specific target organ toxicity, single exposure:	Category 3 respiratory track irritation
OSHA:	Not Classified

Labeling

Hazard pictograms:



Signal word:	Warning
Hazard statement:	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Precautional statements

Prevention:	Wash thoroughly after handling Use only outdoors or in a well-vented area. Wear eye protection/face protection. Wear protective gloves.
Response:	If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. 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/doctor if you feel unwell. 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.
Storage:	Store in well – ventilated place. Keep container tightly closed. Store locked up.
Disposal:	Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNO): None known

Supplemental information: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances: Not applicable
Mixtures: According to the Hazardous Products Regulation (February 11, 2015)

CHEMICAL NAME	%	CAS#
Urea Monohydrochloride	50-60	5068-89-8
Sulphamic A	< 5	5329-14-6
Urea	< 5	57-13-6

Composition Comments: All concentrations are in percent by weight

4. FIRST AID MEASURES

Description of first aid measures

First-aid measures after inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

First-aid measures after skin contact: Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention: Wash contaminated clothing before reuse.

First-aid measures after eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

First-aid measures after ingestion: Rinse mouth Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed.

Most important symptoms and effects: Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain.

Indication of immediate medical attention and special treatment, if indicated

Other medical advice or treatment: Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed

General information: If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. FIRE FIGHTING MEASURES *Continued*

Extinguishing media

- Suitable extinguishing media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂)
- Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.
- Specific hazards arising from the product: During fire, gases hazardous to health may be formed.e

Special protective equipment and precautions for fire-fighters:

Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). .

Fire-fighting equipment and instructions:

Move containers from fire area if you can do so without risk.

Specific Methods:

Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards:

No unusual fire or explosive hazards noted.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- General measures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and material for containment and cleaning up

- Small spill: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
- Large spill: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water
- Environmental precautions: Avoid discharge into drains, water courses or onto the ground.

7. HANDLING AND STORAGE

Precautions for safe handling

- Advice on safe handling: Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

- Storage conditions: Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits

US. Workplace Environmental Exposure Level (WEEL) Guides

COMPONENTS	TYPE	VALUE	FORM
Urea (CAS 57-13-6)	TWA	10 mg/m ³	Total particulate

Biological limit values:

No biological exposure limits noted for ingredient(s).

Appropriate engineering controls:

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

Individual protection measures/personal protective equipment:

Eye/face protection:

Wear approved safety goggles.

Hand protection:

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier

Skin and body protection:

Wear appropriate chemical resistant clothing.

Skin protection – Other:

Wear suitable protective clothing

Thermal hazard:

Wear appropriate thermal protective clothing, when necessary

General hygiene considerations:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state

Liquid

Form

Liquid

Color

Clear, Yellow

Odor

Odorless

Odor threshold

Not applicable

pH

Acidic

Melting point / freezing poi

Not applicable

Initial boiling point and boiling range

Not applicable

Flash point

Not applicable

Evaporation rate

Not applicable

Flammability (solid, gas)

Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

Lower and upper flammability or explosive limits

Flammability limit – lower (%) Not applicable

Flammability limit – upper (%) Not applicable

Vapor pressure Not applicable

Vapor density Not applicable

Relative density Not applicable

Solubility(ies): Solubility (water) Not applicable

Partition co-efficient:
n-octanol/water Not applicable

Auto-ignition temperature Not applicable

Decomposition temperature Not applicable

Viscosity Not applicable

Other information

Explosive properties Non oxidizing

Oxidizing properties Not explosive

10. STABILITY AND REACTIVITY

Reactivity: This product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability: Material is stable under normal conditions.

Possibility of hazardous reactions: No dangerous reactions known under normal conditions of use.

Conditions to avoid: Heat. Contact with incompatible materials.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: At elevated temperatures: Carbon oxides. Nitrogen oxides. Sulfur oxides. Hydrogen chloride.

11. TOXICOLOGICAL INFORMATION

Information on toxicological likely routes of exposure

Inhalation: May cause irritation to the respiratory system. Prolonged inhalation may be harmful.

Skin contact: Causes skin irritation.

Eye contact: Causes serious eye irritation.

Ingestion: May cause discomfort if swallowed.

11. TOXICOLOGICAL INFORMATION

Symptoms related to physical, chemical, and toxicological characteristics:

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity:

May cause discomfort if swallowed.

PRODUCT/INGREDIENT NAME	SPECIES	TEST RESULTS
Urea (CAS 57-13-6)	Rat	8471 mg/kg

Skin corrosion/irritation:

Causes skin irritation

Serious eye damage/eye irritation:

Causes serious eye irritation

Respiratory or skin sensitization

Respiratory sensitization:

Not a respiratory sensitizer.

Skin Sensitization:

This product is not expected to cause skin sensitization.

Germ cell mutagenicity:

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic

Carcinogenicity:

Not classifiable as to carcinogenicity to humans.

IARC Monographs: Overall

Evaluation of Carcinogenicity:

Not listed

NTP Report on Carcinogens:

Not listed

OSHA Specifically regulated Substances

(29CFR 1910.1001-1053):

Not regulated

Reproductive toxicity:

This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity

– single exposure :

May cause respiratory irritation.

Specific target organ toxicity

– repeated exposure :

Not classified

Aspiration hazard:

Not an aspiration hazard

Chronic effects :

Prolong inhalation may be harmful

Further information:

No other specific acute or chronic health impact noted

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity general: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

PRODUCT/INGREDIENT NAME	RESULTS	SPECIES	EXPOSURE
UREA (CAS 57-13-6)	EC50	Water flea (Daphnia magna) (Crustacea)	3910 mg/l, 48 hours
	LC50	Water flea (Daphnia magna) (Crustacea)	5 mg/l, 96 hours

Persistence and degradability No data available

Bioaccumulative potential: Partition coefficient n-octanol / water (log Kow)
Urea (CAS 57-13-6) -2.11

Mobility in soil No data available

Other information None known

13. DISPOSAL CONSIDERATIONS

Disposal methods

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose contents/containers in accordance with local/regional/national/international regulations.

Local disposal regulations: Dispose in accordance with all applicable regulations.

Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).

Contaminated packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORTATION INFORMATION

DOT: Not regulated as dangerous goods.

IATA: Not regulated as dangerous goods.

IMDG: Not regulated as dangerous goods.

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

15. REGULATORY INFORMATION

This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b)**Export Notification**

(40 CFR 707, Subpt.D): Not regulated.

CERCLA Hazardous Substance

List (40 CFR 302.4): Not listed.

SARA 304 Emergency

release notification: Not regulated.

OSHA Specifically**Regulated Substances**

(29 CFR 1910.1001-1053): Not regulated.

Toxic Substances Control Act

(TSCA): All components of the mixture on the TSCA 8(b) Inventory are designated “active.”

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance: Not listed.

SARA 311/312 Hazardous chemical: Yes

Classified hazard categories: Skin corrosion or irritation.
Serious eye damage or eye irritation
Specific target organ toxicity (single or repeated exposure)

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Not regulated.

Safe Drinking Water Act (SDWA): Not regulated.

US state regulations


US. Massachusetts RTK – Substance List: Not regulated.

US. New Jersey Worker and Community Right-to-Know Act: Sulphamic acid (CAS 5329-14-6)

US. Pennsylvania Worker and Community Right-to-Know Law: Not listed.

US. Rhode Island RTK: Not regulated.

15. REGULATORY INFORMATION *Continued*

 **California Proposition 65:** California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov

International Inventories

COUNTRY(S) OR REGION	INVENTORY NAME	ON INVENTORY (YES/NO)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
US & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. OTHER INFORMATION

Further Information

NFPA ratings:

Health: 2
Flammability: 1
Physical hazard: 0

Hazard Scale – 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe, *=Chronic

List of abbreviations: NFPA – National Fire Protection Association