

MSDS

Material Safety Data Sheet

Date prepared: Oct 25, 2015

Date revised: N/A (first edition)

Section 1 - General Information

Chemical Name: Monosulfuron
CAS Reg. Number: 155860-63-2
Catalog Number: 1ST22679
Manufacturer's Name: A Chemtek, Inc.
100 Barber Avenue
Worcester, MA 01606, USA

Telephone Number: 508-471-4121

Fax Number: 508-845-9201

For R & D use only

Section 2 - Hazardous Ingredients/Identity Information

Classification of the substance or mixture

Acute toxicity, Oral (Category 1), H300
Acute toxicity, Dermal (Category 1), H310
Specific target organ toxicity - repeated exposure (Category 1), H372
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410

Label elements



Pictogram

Signal word

Danger

Hazard statement(s)

H300 + H310 Fatal if swallowed or in contact with skin

H372 Causes damage to organs through prolonged or repeated exposure.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P262 Do not get in eyes, on skin, or on clothing.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P302 + P350 IF ON SKIN: Gently wash with plenty of soap and water.

P310 Immediately call a POISON CENTER or doctor/ physician.

P322 Specific measures (see supplemental first aid instructions on this label).

P330 Rinse mouth.

P361 Remove/ Take off immediately all contaminated clothing.

P363 Wash contaminated clothing before reuse.

P391 Collect spillage.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

Section 3 - Composition/Information on Ingredients

Formula: C₁₂H₁₁N₅O₅S

Molecular Weight: 337.31 g/mol

CAS-No. 155860-63-2

Section 4 - First Aid Measures

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If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Section 5 - Fire-Fighting Measures

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Section 6 - Accidental Release Measures

Personal precautions Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions Do not let product enter drains.

Methods for cleaning up Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 - Handling and Storage

Handling Avoid inhalation of vapour or mist.

Storage Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature: RT.

Section 8 - Exposure Controls/Personal Protection

Contains no substances with occupational exposure limit values

Personal protective equipment

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection For prolonged or repeated contact use protective gloves

Eye protection Safety glasses

Hygiene measures General industrial hygiene practice

Section 9 - Physical and Chemical Properties

Appearance:

Form	solid
Color	off-white

Safety data

pH:	not available
Melting point:	not available
Boiling point:	not available
Flash point:	not available
Lower explosion limit:	not available
Upper explosion limit:	not available
Water solubility:	not available

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Section 10 - Stability and Reactivity

Storage stability Stable under recommended storage conditions
Materials to avoid Strong oxidizing agents
Hazardous decomposition products Hazardous decomposition products formed under fire conditions.
- Carbon oxides, Nitrogen oxides (NOx), Sulphur oxide.

Section 11 - Toxicological Information

Acute toxicity: not available
Irritation and corrosion: not available
Sensitization: not available
Respiratory or skin sensitization: not available

Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Potential health effects

Inhalation: not available
Skin: not available
Eyes: not available
Ingestion: not available

Section 12 - Ecological Information

Elimination information (persistence and degradability)

not available

Ecotoxicity effects: not available

Further information on ecology: not available

Section 13 - Disposal Considerations

Product Offer surplus and non-recyclable solutions to a licensed disposal company.
Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging Dispose of as unused product.

Section 14- Transport Information

DOT (US):

UN number: 2811 Class: 6.1 Packing group: I
Proper shipping name: Toxic solids, organic, n.o.s. (Monosulfuron)
Marine pollutant: No
Poison Inhalation Hazard: No

IMDG:

UN number: 2811 Class: 6.1 Packing group: I EMS-No: F-A, S-A
Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (Monosulfuron)
Marine pollutant: Marine pollutant

IATA:

UN number: 2811 Class: 6.1 Packing group: I
Proper shipping name: Toxic solid, organic, n.o.s. (Monosulfuron)
IATA Passenger: Not permitted for transport

Section 15 - Regulatory Information

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SARA 302 Components

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SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Massachusetts Right To Know Components

Monosulfuron	CAS-No. 155860-63-2	Revision Date
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Pennsylvania Right To Know Components

Monosulfuron	CAS-No. 155860-63-2	Revision Date
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New Jersey Right To Know Components

Monosulfuron	CAS-No. 155860-63-2	Revision Date
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California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16 - Other Information

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. A Chemtek shall not be held liable for any damage resulting from handling or from contact with the above product.